6/17/83 S8225-1(4) a

VIRGINIA

1981 Vital Statistics Annual Report

VDH

Center for Health Statistics
Virginia Department of Health
Richmond

$5.00

COMMONWEALTH *of* VIRGINIA

Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

The Honorable Charles S. Robb
Governor of Virginia
Richmond, Virginia

Dear Governor Robb:

It is a pleasure to present the sixty-ninth vital statistics annual report of the Virginia Department of Health for calendar year 1981. Vital records data are summarized in a narrative description followed by detailed statistical tables. Data in this report indicate that on an average day in 1981:

217 Virginia residents were born
116 Virginia residents died
168 marriages occurred in Virginia
69 divorces occurred in Virginia.

This report is designed for use by Federal, State, and local officials who need statistical data relating to public health, and others who need extensive and comparative health statistics. Data provided can be used to measure the successful impact of the Department's health care programs on the health of the citizens of the Commonwealth.

Respectfully submitted,

Kenley M.D.

James B. Kenley, M.D.
State Health Commissioner

VIRGINIA

DEPARTMENT OF HEALTH

1981

VITAL STATISTICS
ANNUAL REPORT

CENTER FOR HEALTH STATISTICS
DIVISION OF VITAL RECORDS AND HEALTH STATISTICS
RICHMOND, VIRGINIA

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VITAL STATISTICS

VITAL STATISTICS

INTRODUCTION

Vital Statistics data for Virginia for the year 1981 are given in this Statistical Annual Report, the sixty-ninth in the series. Data regarding births and deaths have been compiled each year since 1913, the year following the establishment of the Bureau (now Division) of Vital Records and Health Statistics. Marriage data are available for each year since 1917, and divorce statistics have been recorded and tabulated since 1918.

In this narrative, the data are described and briefly analyzed. Following this, the vital statistics are presented in tabular form showing trends experienced in Virginia for the twenty-year period 1962-1981. For 1981 events, detailed tables containing information for the State and for independent cities and counties are also included. Cities and counties are grouped into twenty-two State planning districts, and planning district totals are also given.

Most tabulations are based on births, deaths, natural fetal deaths, induced abortions, marriages, and divorces recorded in the Division of Vital Records and Health Statistics and known births and deaths of Virginia residents which occurred outside the State. Since resident data reflect local conditions, more of the material in this vital statistics report is presented by place of residence rather than by place of occurrence of the event. The title of each table of data on births, deaths, natural fetal deaths, induced abortions, and marriages specifies whether the tabulation is compiled by place of occurrence or by place of residence. The divorce data are presented by city or county where the court granted the divorce.

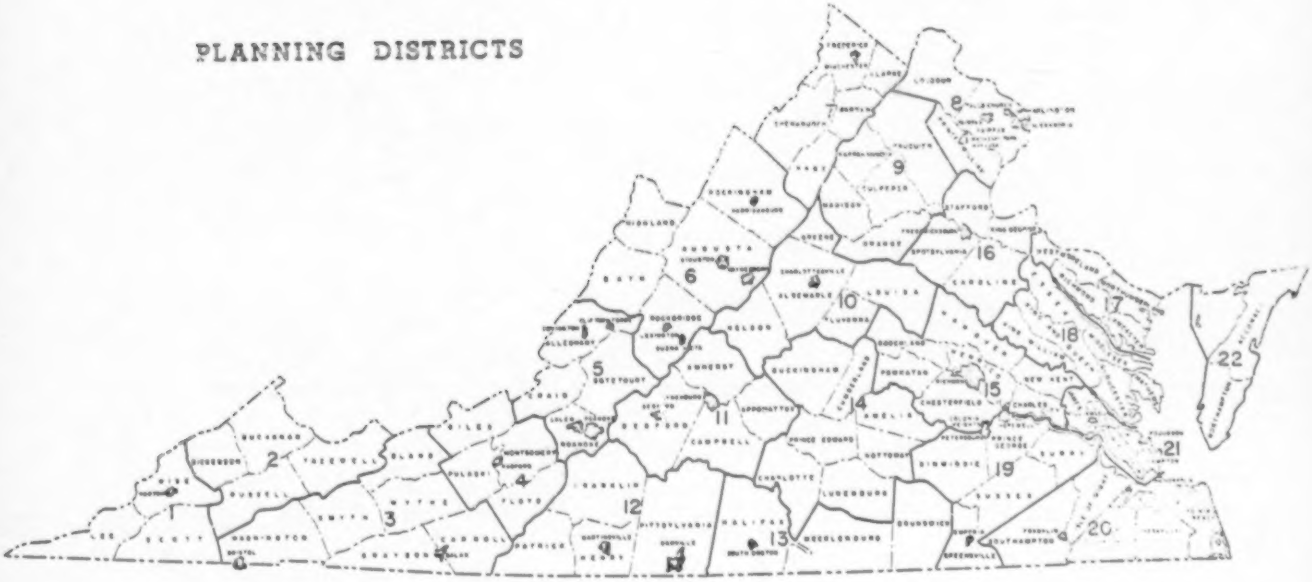
DEFINITIONS

Residence is the city or county where the deceased resided for a death, where the mother resides for a birth, or where the patient resides for a natural fetal death or induced abortion. Deaths and births in resident institutions are allocated to the place of previous residence regardless of length of stay in the institution. Marriages are tabulated according to the city or county of residence for both the bride and the groom.

White and nonwhite breakdowns are given for most data. "White" includes persons reported as Mexican and Puerto Rican and those not specifically designated as nonwhite. "Nonwhite" includes Negro, a reported mixture of Negro with any other race, and all other nonwhite races and mixtures. For marriage and divorce figures, white and nonwhite refer to the race of the groom. For birth and fetal death data, white and nonwhite refer to the race of the mother.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.7)

PLANNING DISTRICTS



DIVISION OF LOCAL AND REGIONAL PLANNING

CITIES AND COUNTIES BY PLANNING DISTRICT, VIRGINIA, 1981

Planning District Number		Planning District Number		Planning District Number		Planning District Number	
	INDEPENDENT CITIES	13	South Boston	2	Dickenson	10	Nelson
8	Alexandria	6	Staunton	19	Dinwiddie	15	New Kent
11	Bedford	20	Suffolk	18	Essex	22	Northampton
3	Bristol	20	Virginia Beach	8	Fairfax	17	Northumberland
6	Buena Vista	6	Waynesboro	9	Fauquier	14	Nottoway
10	Charlottesville	21	Williamsburg	4	Floyd	9	Orange
20	Chesapeake	7	Winchester	10	Fluvanna	7	Page
5	Clifton Forge			12	Franklin	12	Patrick
19	Colonial Heights			7	Frederick	12	Pittsylvania
5	Covington		COUNTIES	4	Giles	15	Powhatan
12	Danville	22	Accomack	18	Gloucester	14	Prince Edward
19	Emporia	10	Albemarle	15	Goochland	19	Prince George
8	Fairfax	5	Alleghany	3	Grayson	8	Prince William
8	Falls Church	14	Amelia	10	Greene	4	Pulaski
20	Franklin	11	Amherst	19	Greensville	9	Rappahannock
16	Fredericksburg	11	Appomattox	13	Halifax	17	Richmond
3	Galax	8	Arlington	15	Hanover	5	Roanoke
21	Hampton	6	Augusta	15	Henrico	6	Rockbridge
6	Harrisonburg	6	Bath	12	Henry	6	Rockingham
19	Hopewell	11	Bedford	6	Highland	2	Russell
6	Lexington	3	Bland	20	Isle of Wight	1	Scott
11	Lynchburg	5	Botetourt	21	James City	7	Shenandoah
8	Manassas	13	Brunswick	16	King George	3	Smyth
8	Manassas Park	2	Buchanan	18	King and Queen	20	Southampton
12	Martinsville	14	Buckingham	18	King William	16	Spotsylvania
21	Newport News	11	Campbell	17	Lancaster	16	Stafford
20	Norfolk	16	Caroline	1	Lee	19	Surry
1	Norton	3	Carroll	8	Loudoun	19	Sussex
19	Petersburg	15	Charles City	10	Louisa	2	Tazewell
21	Poquoson	14	Charlotte	14	Lunenburg	7	Warren
20	Portsmouth	15	Chesterfield	9	Madison	3	Washington
4	Radford	7	Clarke	18	Mathews	17	Westmoreland
15	Richmond	5	Craig	13	Mecklenburg	1	Wise
5	Roanoke	9	Culpeper	18	Middlesex	3	Wythe
5	Salem	14	Cumberland	4	Montgomery	21	York

An immature birth, frequently called premature birth, is one for which the birth weight is 2,500 grams (5 pounds 8 ounces) or less, regardless of the period of gestation.

An illegitimate birth is one which occurred to a mother who was not married to the father of the child at the time of birth and had not been married to him at any time during the preceding 10 months.

A fetal death is defined as the death caused by induced abortion or the death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.2)

Induced abortion is a fetal death where the pregnancy has been deliberately terminated with the purpose of producing a nonviable fetus. Molar and ectopic pregnancies are excluded.

A natural fetal death is a fetal death that is not an induced abortion.

Infant deaths are deaths of children under one year of age. Neonatal deaths are deaths of children under 28 days of age. Hebdomadal deaths are deaths of children under one week of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the nosologists in the Center for Health Statistics to assign the proper code number from the Ninth Revision, International Classification of Diseases, so that deaths may be classified by underlying cause. Because of the classification revision, cause-of-death figures beginning with 1979 data are not entirely comparable with those of earlier years.

In order to compare death rates from certain causes for the years 1979-1981 with the death rates for a year or years during the period 1969-1978, the estimated number of deaths from these causes during the early year or years must be derived by the use of comparability ratios which were computed by the National Center for Health Statistics from the results of dual coding of certificates according to the old and the new procedures. The comparability ratios are the number of deaths classified to a given cause by the Ninth Revision divided by the number of deaths classified to that cause by the Eighth Revision. Comparability ratios have been published by the National Center for Health Statistics in the Monthly Vital Statistics Report, Vol. 28, No. 11, Supplement, February 29, 1980.

Rates used in this report are defined below:

$$\text{Birth rate} = \frac{\text{Number of live births X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Death rate} = \frac{\text{Number of deaths X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Infant death rate} = \frac{\text{Number of deaths under one year of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Neonatal death rate} = \frac{\text{Number of deaths under 28 days of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Perinatal death rate} = \frac{\text{(Number of deaths under one week of age + number of fetal deaths 28 weeks and over gestation) X 1,000}}{\text{Total number of live births + number of fetal deaths 28 weeks and over gestation}}$$

$$\text{Maternal death rate} = \frac{\text{Number of maternal deaths X 100,000}}{\text{Total number of live births}}$$

Death rates by cause, other than the maternal rate, are calculated per 100,000 estimated population.

Resident rates refer to births or deaths of residents of Virginia (or a planning district, city or county) and are based on estimated total population, or total live births of the State. No city, county, or planning district resident marriage or resident divorce rates are published in this report. The marriage rates and divorce rates for the State given in Table 3 include all marriages performed in Virginia and all divorces granted in Virginia courts and are calculated per 1,000 estimated population.

A "resident" marriage rate has limited meaning because there is at present no interstate exchange of marriage records, hence no way of knowing how many residents of Virginia are married in other states. Furthermore, the bride and the groom may be residents of two different Virginia localities. According to Virginia law, one party of a divorce must be a resident of this State for a year prior to the commencement of the suit. Because fourteen independent cities do not have separate courts but share a court with the adjoining county, there are no separate divorce figures for these cities. (See Table 53). Furthermore, local divorce rates for the areas just described would have to be based upon the population of the combined city and county concerned.

The median is defined as the middle observation of a distribution. It is that figure for which 50 percent of the observations are below and 50 percent are above in value.

Total population data by city and county for 1981, as shown in Table 2, were taken from the publication "Estimates of the Population of Virginia Counties and Cities: July 1, 1981 (Provisional)" published by the Tayloe Murphy Institute, University of Virginia, Charlottesville, Virginia, August, 1982. Estimates for race for 1981 were based on 1980 census data.

INTERPRETATION OF DATA

Collection. In Virginia, all birth, fetal death, and death certificates are filed in the local health department of the county or independent city where the event occurred by hospitals, physicians, midwives, and funeral directors. Each local health office forwards the records semi-monthly to the Division. Marriage certificates and divorce abstracts are transmitted monthly to the Division by clerks of the various city and county courts.

Interstate exchange of vital records. An interstate exchange of birth and death certificates provides a count of out-of-state events occurring to Virginia residents. These figures are included in the resident data for Virginia cities and counties. Likewise, copies of certificates of events occurring in Virginia to non-residents are sent to the proper states. Since a large number of births to northern Virginia residents occur in District of Columbia hospitals, the number of out-of-state births to Virginia residents greatly exceeds the number of non-resident births occurring in the State. Out-of-state deaths also outnumber resident deaths, but by a much smaller margin.

LOCATION OF BIRTH OR DEATH

Location	Births, 1981			Deaths, 1981		
	Total	White	Nonwhite	Total	White	Nonwhite
Occurring in Virginia	76,239	56,215	20,024	41,521	32,239	9,282
Residents of Virginia	74,147	54,393	19,754	39,628	30,635	8,993
Residents of other areas	2,092	1,822	270	1,893	1,604	289
Occurring to Virginia residents	79,278	58,820	20,458	42,199	32,954	9,245
In Virginia	74,147	54,393	19,754	39,628	30,635	8,993
Out-of-State	5,131	4,427	704	2,571	2,319	252

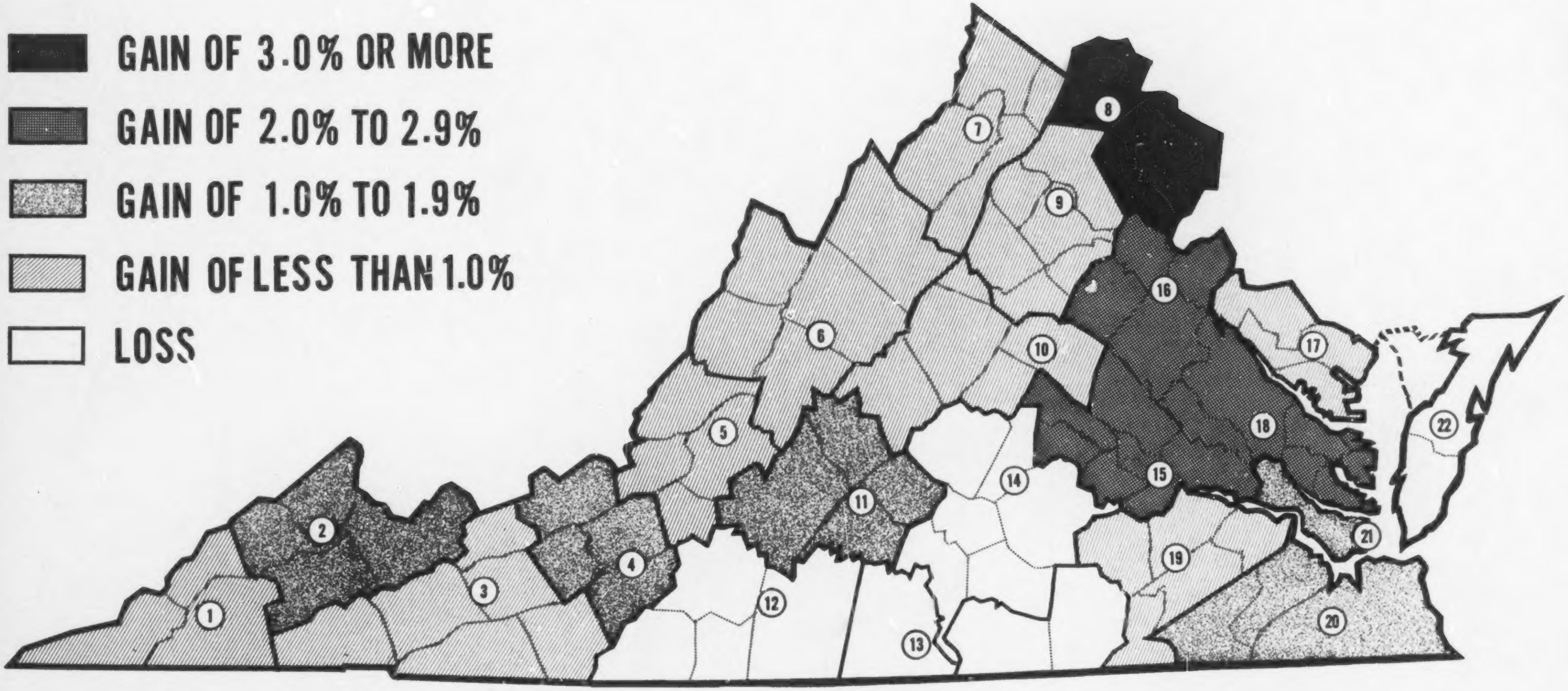
Completeness of registration. When the Census of Population was taken for 1950, tests were made to determine the completeness of birth registration in each state. At that time, Virginia's reporting was estimated to be 97.3 percent complete (98.0 percent for white births, 95.1 percent for nonwhite). With the steady increase in the percent of births occurring in hospitals since 1950, especially among the nonwhite, it is assumed that the reporting of births is more complete than ever before.

The completeness of registration of other vital records has never been studied to any great extent; however, indications are favorable in regard to the reporting of these records. Death registration is considered more complete than birth registration since other legal requirements must be met.

CHART A

PERCENTAGE POPULATION CHANGE BY PLANNING DISTRICTS

VIRGINIA 1980 -1981



GAIN OF 3.0% OR MORE
GAIN OF 2.0% TO 2.9%
GAIN OF 1.0% TO 1.9%
GAIN OF LESS THAN 1.0%
LOSS
1
2
3
4
5
6
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Fetal death registration will probably improve since increasing attention is directed to the relationship of natural fetal deaths and early infant deaths. The liberalization of abortion laws has also increased the number of reported cases.

Late filing of records. All vital records for the report year which are received prior to the deadline cutoff date in the following year are included in the annual statistics. Deadline cutoff dates are March 1 for marriages and divorces, April 1 for deaths, and May 1 for births, natural fetal deaths and induced abortions. Late registrations not included in annual statistics are, therefore, small in number.

Tabulation of data by residence and by place of occurrence. Resident data are presented for the State, for planning districts, and for counties and independent cities on all vital events except divorces. Recorded data, which are obtained by classifying the vital records according to the place of occurrence, are shown for births, deaths, marriages, and divorces. Considerable use is made of recorded data in planning hospital and clinic facilities in a given community.

Summary of Vital Events. Data indicate that on an average day in 1981:

217 Virginia residents were born
116 Virginia residents died
168 marriages occurred in Virginia
69 divorces occurred in Virginia

SUMMARY OF VITAL EVENTS, VIRGINIA, 1981

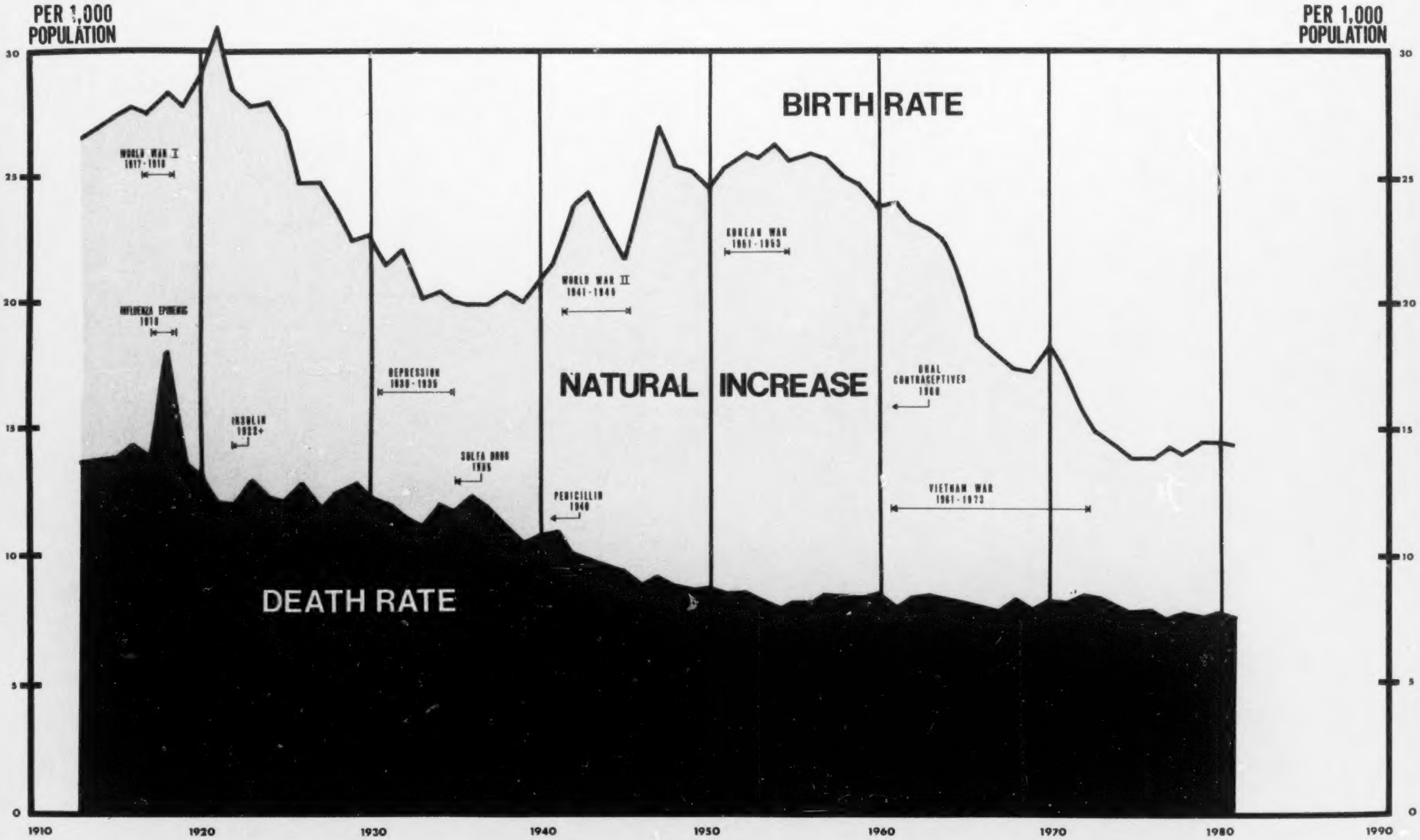
Event	Total	White	Nonwhite
Resident Events			
Live births	79,278	58,820	20,458
Natural fetal deaths	6,631	4,835	1,796
Induced abortions	30,166	20,706	9,460
Infant deaths	1,000	624	376
Deaths, all causes	42,199	32,954	9,245
Recorded Events			
Marriages	61,410	52,061	9,349
Divorces (including annulments)	25,103	21,154	3,949

POPULATION

Virginia's total population as of July, 1981, was estimated to be 5,429,700 according to Tayloe Murphy Institute, University of Virginia. This was an increase of 83,421, or 1.6 percent, over the advance count, 1980 Census Population of 5,346,279. The 1981 figure also shows an increase of 778,252, or 16.7 percent, over the revised census figure for April 1, 1970.

CHART B

BIRTH AND DEATH RATES IN VIRGINIA SINCE 1913



Among planning district areas, Planning District 8 (including Arlington, Fairfax, Loudoun and Prince William counties and Alexandria, Fairfax, Falls Church, Manassas and Manassas Park cities) showed the largest increase in population -- 3.2 percent over the 1980 census advance count. Planning District 8 also had the largest population in Virginia, 1,140,700. The second most significant increase in population (2.9 percent) occurred in Planning District 16 (including Caroline, King George, Spotsylvania, Stafford counties and Fredericksburg city). Planning Districts 12, 13, 14 and 22 all indicated losses in population of less than 1 percent from 1980 to 1981. Planning District 17 (Lancaster, Northumberland, Richmond, and Westmoreland counties) was the smallest in population with 41,000 residents.

Natural Population Increase. For 1981, there was a natural population increase of 37,079 which was more than the natural increase of 35,927 for 1980.

The increase of 1.1 percent in 1981 resident births and the 0.7 percent decrease in resident deaths combined to increase the birth-to-death ratio from 1.845 in 1980 to 1.879 in 1981. The total live birth rate exceeded the death rate by 6.8 per 1,000 population in 1981.

NUMBER AND RATE OF NATURAL POPULATION INCREASE BY RACE
VIRGINIA, 1981

Race	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
Total	79,278	14.6	42,199	7.8	37,079	6.8
White	58,820	13.7	32,954	7.7	25,866	6.0
Nonwhite	20,458	18.0	9,245	8.2	11,213	9.8

RESIDENT BIRTHS

Virginia resident live births numbered 79,278 in 1981, representing a 1.1 percent increase over the 78,423 recorded in 1980. The birth rate was 14.6 per 1,000 estimated population in 1981, a 0.7 percent decrease from the 1980 rate of 14.7. The comparable preliminary birth rate for the United States was 15.9 per 1,000 population in 1981.

BIRTHS AND BIRTH RATES WITH PERCENT CHANGE
VIRGINIA, 1977-1981

Year	Births	Percent Change	Birth Rate	Percent Change
1977	74,246	+6.1	14.5	+4.3
1978	73,349	-1.2	14.2	-2.1
1979	76,899	+4.8	14.6	+2.8
1980	78,423	+2.0	14.7	+0.7
1981	79,278	+1.1	14.6	-0.7

Race and Age of Mother. Of the 79,278 infants born to Virginians in 1981, nearly three-fourths (74.2 percent) were white. However, the nonwhite birth rate (18.0) was 4.3 per 1,000 population higher than the white rate of 13.7. In 1981, both white and nonwhite births increased slightly over 1980 with 773, or 1.3 percent, for white births and 82, or 0.4 percent, for nonwhite births.

RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY RACE WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1981

Age	Number			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	79,278	58,820	20,458	59.9	55.6	77.2
Under 15*	242	75	167	6.0	2.4	17.9
15-19	11,306	6,893	4,413	47.6	37.2	83.9
20-24	25,426	18,115	7,311	97.2	88.0	131.2
25-29	24,461	19,262	5,199	98.3	97.6	101.2
30-34	13,900	11,363	2,537	60.7	61.4	57.9
35-39	3,456	2,757	699	18.8	17.6	20.6
40-44	451	330	121	2.9	2.6	4.4
45 & over**	21	14	7	0.8	0.6	1.4
Not stated	15	11	4			

Rates based on females aged 14* and 45** only.

Although the largest number of births (25,426) occurred in the age group 20-24, the 25-29 age group had the highest age specific rate (98.3 per 1,000 females). Whites also had the highest age specific rate (97.6) for ages 25-29, but for nonwhites the highest rate (131.2) occurred for ages 20-24. At all ages except 30-34, the age specific rates for nonwhites were higher than the rates for whites.

Median Age and Live Birth Order. The median age for all mothers of live births was 25.5 in 1981, an increase of 1.3 years over the 1972 median age of 24.2. For both white and nonwhite mothers, the median age continued to increase in 1981 to 26.1 and 23.8, respectively.

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS BY RACE VIRGINIA, 1972-1981

Year	All Births			First Births		
	Total	White	Nonwhite	Total	White	Nonwhite
1972	24.2	24.7	22.4	21.5	22.2	19.1
1973	24.3	24.9	22.3	21.6	22.3	19.4
1974	24.4	25.1	22.6	21.8	22.4	19.6
1975	24.6	25.2	22.8	22.0	22.6	19.7
1976	24.8	25.4	23.1	22.3	22.9	20.0
1977	24.9	25.6	23.3	22.5	23.1	20.3
1978	25.2	25.8	23.5	22.8	23.4	20.6
1979	25.3	25.9	23.5	22.9	23.6	20.7
1980	25.4	26.0	23.7	23.2	23.8	21.1
1981	25.5	26.1	23.8	23.4	24.0	21.4

For mothers having their first child, the median age has also been steadily increasing from 21.5 in 1972 to 23.4 in 1981. For white mothers having their first child, the median age had increased by 1.8 years since 1972 and for nonwhite mothers by 2.3 years. In 1981, the median age for white mothers was higher than that for nonwhite mothers at all birth orders except 10 or more.

MEDIAN AGE OF MOTHER FOR EACH BIRTH ORDER BY RACE
VIRGINIA, 1981

Race	Total	Birth Order									
		1	2	3	4	5	6	7	8	9	10 or more
Total	25.5	23.4	26.4	28.2	29.8	31.4	33.6	34.4	36.0	38.1	37.6
White	26.1	24.0	26.9	28.9	31.0	32.4	34.7	35.5	36.7	38.6	36.6
Nonwhite	23.8	21.4	24.4	26.4	27.9	29.4	31.8	33.0	34.7	37.8	38.5
Years white median age greater than nonwhite	2.3	2.6	2.5	2.5	3.1	3.0	2.9	2.5	2.0	0.8	-1.9

In 1981, the median birth order for all mothers was 2.1. For white and nonwhite births, the median birth order was 2.1 and 2.3, respectively.

Education of Mother. A total of 60,481, or 76.3 percent, of the 1981 Virginia mothers were at least high school graduates. Of this number, 14,696 had completed four or more years of college. For 697, or 0.9 percent, of the mothers education did not extend beyond the sixth grade level. For mothers having their first birth, 78.4 percent had completed high school and 19.9 percent had completed four years of college.

EDUCATION OF MOTHER WITH PERCENT COMPLETING EACH GRADE LEVEL
FOR ALL BIRTHS AND FIRST BIRTHS, VIRGINIA, 1981

Highest Grade Completed	All Births		First Births	
	Number	Percent	Number	Percent
TOTAL	79,278	100.0	36,589	100.0
Elementary				
0-6	697	0.9	189	0.5
7-8	3,018	3.8	1,119	3.1
High School				
9-11	14,821	18.7	6,480	17.7
12	31,903	40.2	14,764	40.4
College				
1-3	13,882	17.5	6,627	18.1
4+	14,696	18.5	7,288	19.9
Unknown	261	0.3	122	0.3

Illegitimate Births. There was an increase of 358, or 2.4 percent, in the number of illegitimate births in 1981. This resulted in an illegitimate birth rate of 193.7 per 1,000 live births. Both the illegitimate birth number and illegitimate birth rate for 1981 were the highest on record. The number of illegitimate births increased by 4.5 percent for whites, and by 1.3 percent for nonwhites. However, the nonwhite rate of 497.6 illegitimate births per 1,000 live births was considerably higher than the comparable white rate of 88.0.

RESIDENT ILLEGITIMATE BIRTHS WITH RATES
PER 1,000 LIVE BIRTHS BY YEAR, VIRGINIA, 1972-1981

Year	Total Live Births	Illegitimate Live Births	Rates per 1,000 Live Births
1972	75,068	9,806	130.6
1973	71,665	9,514	132.8
1974	71,066	9,738	137.0
1975	70,032	10,220	145.9
1976	69,972	10,703	153.0
1977	74,246	12,125	163.3
1978	73,349	12,546	171.0
1979	76,899	14,246	185.3
1980	78,423	14,995	191.2
1981	79,278	15,353	193.7

Sex Ratios. As usual, the male births (40,862) outnumbered the female births (38,416). The resulting ratio was 106.4 males to every 100 females.

The frequency of males to females was also greater for natural fetal deaths where sex was indicated, for infant deaths, and for births with congenital malformations. Also, this male-to-female ratio was higher for whites than nonwhites for live births, natural fetal deaths, infant deaths, and congenital malformations.

RATIO OF MALES PER 100 FEMALES FOR SPECIFIED VITAL EVENTS
VIRGINIA, 1981

Vital Event	Total	White	Nonwhite
Live Births	106.4	106.8	105.1
Natural Fetal Deaths	145.1	145.3	144.6
Infant Deaths	126.8	136.4	112.4
Congenital Malformations	152.9	156.9	139.0

Attendant at Birth. The percentage of total births occurring in hospitals remained 99.3, the same in 1981 as in 1980. In 1981, for both white and nonwhite births, the percentage in hospitals was also 99.3. An additional 222 births were attended by physicians out of the hospital. For white and nonwhite births, the percentage attended by "midwives or others" were 0.6 and 0.2, respectively.

Immature Births. During 1981, there were 5,851, or 7.4 percent, of total live births of "immature" birthweight (weighed 2,500 grams or less at birth regardless of gestation). The nonwhites exhibited a much higher percentage of immaturity among births with 11.8 percent compared to 5.9 percent immature births for whites. Hospital deliveries occurred for 99.1 percent of the immature births, with the white and nonwhite percentages being 99.3 and 98.8, respectively.

PERCENT IMMATURE OF RESIDENT BIRTHS BY RACE
VIRGINIA, 1972-1981

Year	Immature Births			Percent		
	Total	White	Nonwhite	Total	White	Nonwhite
1977	5,451	3,287	2,164	7.3	5.9	11.6
1978	5,399	3,247	2,152	7.4	5.9	11.7
1979	5,814	3,461	2,353	7.6	6.1	11.7
1980	5,916	3,404	2,512	7.5	5.9	12.3
1981	5,851	3,444	2,407	7.4	5.9	11.8

NUMBER AND PERCENT OF BIRTHS ACCORDING TO
WEIGHT GROUP BY RACE, VIRGINIA, 1981

Birthweight	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	79,278	100.0	58,820	100.0	20,458	100.0
Immature	5,851	7.4	3,444	5.9	2,407	11.8
500 grams or less	131	0.2	63	0.1	68	0.3
501-1500 grams	914	1.2	489	0.8	425	2.1
1501-2500 grams	4,806	6.1	2,892	4.9	1,914	9.4
Full Term	73,330	92.5	55,313	94.0	18,017	88.1
2501-3500 grams	42,344	53.4	29,438	50.0	12,906	63.1
3501-4500 grams	29,575	37.3	24,625	41.9	4,950	24.2
4501 grams & over	1,411	1.8	1,250	2.1	161	0.8
Unknown	97	0.1	63	0.1	34	0.2

The percentage of total births that were immature was highest at birth order six. This birth order had the highest percentage of immature deliveries for white mothers, but for nonwhite mothers, birth order four had the highest percentage. At all birth orders, the relative frequency of immature births was significantly higher among nonwhite than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY BIRTH ORDER
BY RACE, VIRGINIA, 1981

Race	Total	Birth Order						
		1	2	3	4	5	6	7 plus
Total	7.4	7.6	6.6	7.5	9.1	9.3	10.2	9.6
White	5.9	6.3	5.1	5.9	6.0	5.9	9.3	7.6
Nonwhite	11.8	11.8	11.2	11.2	14.4	14.1	11.4	11.8

In 1981, the percentage of immature live births was highest for mothers under 15 years of age. This age group also had the highest percentage of immature births for nonwhite mothers; but for white mothers, the 45 and over age group had the highest percentage. For all age groups except 45 and over, nonwhite mothers had a higher percentage of immature births than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY AGE OF MOTHER
BY RACE, VIRGINIA, 1981

Race	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	7.4	18.2	10.6	7.6	6.2	6.2	7.3	6.4	9.5
White	5.9	13.3	8.4	5.9	5.1	5.3	6.3	5.8	14.3
Nonwhite	11.8	20.4	14.0	11.8	10.5	10.2	10.9	8.3	0.0

Plural Births. There were 1,563 live multiple births to Virginia residents in 1981: 1,538 twins and 25 triplets. Additionally, 95 twins and 8 triplets were reported as natural fetal deaths.

Among live births a much higher rate of immaturity existed for plural births (53.2 percent) than for single births (6.5 percent). The nonwhite immaturity rate for plural births was 66.3 percent, while the white rate stood at 47.4 percent.

PLURAL BIRTHS AND IMMATURE PLURAL BIRTHS
WITH PERCENT IMMATURE BY RACE, VIRGINIA, 1981

Event	Total	White	Nonwhite
Plural births	1,563	1,082	481
Plural immature births	832	513	319
Percent immature	53.2	47.4	66.3

For every 1,000 live births among nonwhite women, there were 23.5 plural births, while for every 1,000 live births among white women, there were 18.4 plural births. The comparative rates for 1980 were 24.0 and 17.4, respectively.

Prenatal Care. In 1981, 63,768 mothers, or 80.4 percent, began prenatal care in the first trimester of pregnancy. At least 98.3 percent of the mothers had seen a physician prior to delivery. Only 577, or 0.7 percent, of the mothers received no prenatal care, while care status for 755 mothers was unknown.

Of the mothers who had completed at least 12 years of schooling, 85.2 percent began prenatal care in the first trimester of pregnancy. Only 60.5 percent of the 697 mothers with fewer than seven years of education began care as early. The percentage of mothers who completed at least their high school education but who received no prenatal care was 0.4, while the comparable percentage for mothers with fewer than seven years of school was 2.7.

The 30-34 age group had the highest percentage of mothers, 88.4 percent, who received prenatal care in the first trimester of pregnancy. Of the mothers who were under 15 years of age, only 39.3 percent received prenatal care in the first trimester. The percentage of mothers receiving no prenatal care was the highest for those under 15 years of age, 5.0 percent.

PERCENTAGE DISTRIBUTION OF RESIDENT BIRTHS BY AGE OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN, VIRGINIA, 1981

Trimester Care Began	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First trimester	80.4	39.3	61.9	78.2	87.0	88.4	83.4	73.2	76.2
Second trimester	15.2	43.0	29.3	17.2	10.1	8.8	12.5	19.7	14.3
Third trimester	2.7	10.3	6.0	3.2	1.6	1.2	1.9	3.1	9.5
None	0.7	5.0	1.8	0.8	0.4	0.3	0.5	2.0	
Unknown	1.0	2.5	0.9	0.7	0.9	1.3	1.6	2.0	

Of the Virginia women giving birth in 1981, 63.2 percent saw a physician 10 to 14 times during pregnancy. The median number of prenatal visits was 12.0. There were 67 mothers who were seen by a physician 30 or more times.

Complications of Pregnancy. One or more complications of pregnancy were indicated for 22,672, or 28.6 percent, of mothers having live births. Mothers 20-24 had the lowest precentage of complications of pregnancy, 27.1 percent, while mothers age 40-44 had the highest percentage of complications, 40.6 percent.

COMPLICATIONS OF PREGNANCY BY AGE OF MOTHER
VIRGINIA, 1981

Complications of Pregnancy	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Unduplicated Count with Complications	22,672	76	3,129	6,898	6,928	4,279	1,162	183	8	9
Percent of Births	28.6	31.4	27.7	27.1	28.3	30.8	33.6	40.6	38.1	

Of the mothers receiving prenatal care, 28.4 percent had complications of pregnancy and 26.2 percent of those who received no prenatal care had complications. Mothers having their first child had the highest percentage of births with complications, 31.3 percent. The lowest percentage of births with complications, 24.5 percent, was reported for birth order eight or more.

COMPLICATIONS OF PREGNANCY BY TYPE BY BIRTH ORDER
VIRGINIA, 1981

Type of Complication	Total	Birth Order								
		1	2	3	4	5	6	7	8+	Unk.
Unduplicated Count with Complications	22,672	11,446	7,050	2,730	870	329	127	58	49	13
Percent of Births	28.6	31.3	26.9	25.2	24.7	27.7	29.3	27.0	24.5	
All Complications	38,525	19,237	12,274	4,627	1,426	534	217	81	102	27
Complications related to pregnancy	5,855	3,278	1,474	654	256	99	48	17	25	4
Conditions in the mother complicating pregnancy	1,966	933	606	268	78	45	18	7	10	1
Complications affecting delivery	18,749	9,033	6,189	2,349	718	254	105	44	44	13
Type of delivery (if specified on certificate)	11,955	5,993	4,005	1,356	374	136	46	13	23	9

Congenital Anomalies. In 1981, there were 660 infants born with one or more congenital anomalies reported, or 0.8 percent of total live births. Of the total congenital anomalies, Polydactyly was, by far, the most common condition reported for nonwhites (34.6 percent), while deformities of the feet (10.1 percent) and cleft palate and cleft lip (9.6 percent) were the most common anomalies reported for whites.

In 1981, mothers aged 45 and over had the highest percentage of births with anomalies reported (4.8 percent).

CONGENITAL ANOMALIES BY AGE OF MOTHER
VIRGINIA, 1981

Congenital Anomalies	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Unduplicated Count with Anomalies	660	2	104	215	183	125	28	2	1
Percent of Births	0.8	0.8	0.9	0.8	0.7	0.9	0.8	0.4	4.8

NUMBER AND PERCENT OF CONGENITAL ANOMALIES BY TYPE BY RACE
VIRGINIA, 1981

Type of Anomaly	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Unduplicated Count with Anomalies	660		519		141	
TOTAL ANOMALIES REPORTED	752	100.0	596	100.0	156	100.0
Anencephalus	12	1.6	10	1.7	2	1.3
Spina bifida	44	5.9	35	5.9	9	5.8
Other anomalies of nervous system	38	5.1	32	5.4	6	3.8
Anomalies of eye	10	1.3	7	1.2	3	1.9
Anomalies of ear, face, and neck	20	2.7	18	3.0	2	1.3
Bulbus cordis anomalies and anomalies of cardiac septal closure	9	1.2	7	1.2	2	1.3
Other anomalies of heart	39	5.2	34	5.7	5	3.2
Other anomalies of circulatory system	9	1.2	6	1.0	3	1.9
Anomalies of respiratory system	15	2.0	12	2.0	3	1.9
Cleft palate and cleft lip	66	8.8	57	9.6	9	5.8
Other anomalies of upper alimentary tract	13	1.7	12	2.0	1	0.6
Other anomalies of digestive system	13	1.7	10	1.7	3	1.9
Undescended testicle	12	1.6	11	1.8	1	0.6
Hypospadias and epispadias	48	6.4	42	7.0	6	3.8
Other anomalies of genitourinary system	31	4.1	28	4.7	3	1.9
Congenital dislocation of hip	10	1.3	9	1.5	1	0.6
Deformities of feet	74	9.8	60	10.1	14	9.0
Polydactyly	79	10.5	25	4.2	54	34.6
Syndactyly	21	2.8	18	3.0	3	1.9
Other anomalies of limbs	40	5.3	33	5.5	7	4.5
Other anomalies of musculoskeletal system	29	3.9	25	4.2	4	2.6
Anomalies of the integument	38	5.1	33	5.5	5	3.2
Down's syndrome	40	5.3	35	5.9	5	3.2
Other chromosomal anomalies	6	0.8	5	0.8	1	0.6
Other and unspecified anomalies	36	4.8	32	5.4	4	2.6

Month of Birth. An average of 217 children were born each day to Virginia residents. The daily averages by month ranged from a high of 234 in August to a low of 206 in January.

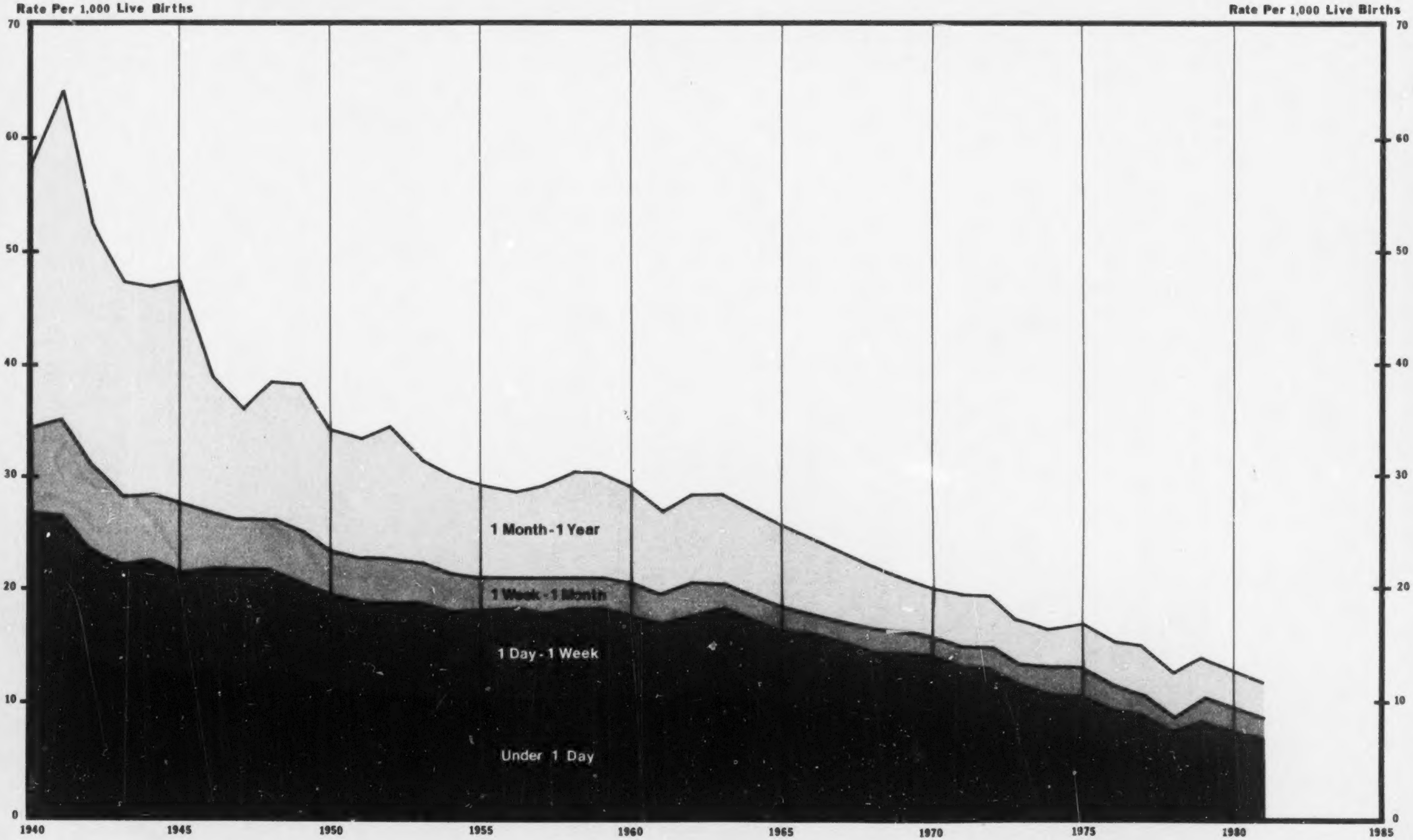
DAILY AVERAGE OF BIRTHS BY MONTH
VIRGINIA, 1981

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
217	206	215	211	210	210	214	231	234	228	213	215	219

Out-of-State Occurrences. In 1981, 5,131, or 6.5 percent, of the infants born to Virginia residents were born out-of-state. Of these births, 2,558, or 49.9 percent, occurred in the District of Columbia. The six areas bordering Virginia accounted for 97.4 percent of Virginia's out-of-state births.

CHART C

INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS IN VIRGINIA SINCE 1940



The 2,092 births occurring in Virginia to out-of-state residents represented 2.7 percent of the 76,239 live births occurring in Virginia. The states of residence most frequently recorded for these Virginia-born infants were West Virginia (892), North Carolina (515), and Maryland (338). A total of 93.7 percent of these out-of-state resident births were from the six areas bordering Virginia.

BIRTHS INVOLVING VIRGINIA AND BORDERING STATES
VIRGINIA, 1981

State of Birth	Virginia residents born out-of-state		Out-of-state residents born in Virginia	
	Number	Percent	Number	Percent
TOTAL	5,131	100.0	2,092	100.0
District of Columbia	2,558	49.9	86	4.1
Tennessee	910	17.7	19	0.9
Maryland	729	14.2	338	16.2
West Virginia	370	7.2	892	42.6
North Carolina	332	6.5	515	24.6
Kentucky	97	1.9	110	5.3
Other states	135	2.6	120	5.7
Foreign countries			12	0.6

INFANT MORTALITY

In Virginia, in 1981, infant deaths decreased to 1,000, or 7.0 percent, from the 1980 figure of 1,075. The resulting rate of 12.6 shows a substantial decrease from the 1980 rate of 13.7 per 1,000 live births.

In 1981, there were 724 neonatal deaths (infants under 28 days) resulting in a rate of 9.1 per 1,000 live births. The comparable figures for 1980 were 779 neonatal deaths with a rate of 9.9.

White infant deaths decreased from 686 in 1980 to 624 in 1981 and nonwhite infant deaths decreased from 389 to 376. The rates of infant deaths per 1,000 live births were 10.6 and 18.4 for whites and nonwhites, respectively.

RESIDENT INFANT DEATHS BY RACE WITH RATES
PER 1,000 LIVE BIRTHS, VIRGINIA, 1977-1981

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1977	1,167	15.7	724	13.0	443	23.8
1978	989	13.5	611	11.1	378	20.5
1979	1,135	14.8	712	12.5	423	21.0
1980	1,075	13.7	686	11.8	389	19.1
1981	1,000	12.6	624	10.6	376	18.4

Virginia's infant death rate of 12.6 per 1,000 live births was somewhat higher than the preliminary United States rate of 11.7. For neonatal deaths (infant deaths under 28 days) the rates for Virginia and the United States were 9.1 and 7.8, respectively.

Among the 1,000 infant deaths for Virginia residents, 198, or 19.8 percent, were attributed to congenital anomalies; 122, or 12.2 percent to disorders relating to short gestation and low birthweight; 83, or 8.3 percent, to respiratory distress syndrome; and 99, or 9.9 percent, to sudden infant deaths. The group of causes, "certain conditions originating in the perinatal period," which accounted for 556 infant deaths and 4 other deaths, was the ninth leading cause of death for the State.

RESIDENT INFANT DEATHS BY CAUSE WITH RATE PER 100,000 LIVE BIRTHS VIRGINIA AND UNITED STATES, 1981

Cause of Infant Death	Virginia		United States*
	Number	Rate	Rate
TOTAL INFANT DEATHS	1,000	1,261.4	1,172.6
Certain gastrointestinal diseases (008-009, 535,555-558)	7	8.8	8.2
Pneumonia and influenza (480-487)	17	21.4	19.5
Congenital anomalies (740-759)	198	249.8	243.0
Disorders relating to short gestation and low birthweight (765)	122	153.9	103.4
Birth trauma (767)	17	21.4	23.9
Intrauterine hypoxia and birth asphyxia (768)	23	29.0	38.9
Respiratory distress syndrome (769)	83	104.7	116.0
Other conditions originating in the perinatal period (760-764,766,770-779)	311	392.3	293.2
Sudden infant death syndrome (798.0)	99	124.9	135.2
All other causes	123	155.2	191.2

*Rates estimated

NOTE: Numbers in parentheses are from ICD, 9th revision.

In 1981, there were 450 infants who failed to survive one day and 625 who died within their first week of life. Infants who died before the age of one month (724) accounted for 72.4 percent of the total infant deaths.

PERCENT OF TOTAL INFANT DEATHS IN EACH AGE GROUP BY RACE VIRGINIA, 1981

Race	Total Infant Deaths	Age at Death						
		Less than 1 day	1-6 days	Under 1 week	7-27 days	Under 28 days	1-5 Mos.	6-11 Mos.
Total	100.0	45.0	17.5	62.5	9.9	72.4	21.9	5.7
White	100.0	42.9	17.8	60.7	10.3	71.0	23.2	5.8
Nonwhite	100.0	48.4	17.0	65.4	9.3	74.7	19.7	5.6

MATERNAL DEATHS

In 1981, six deaths among Virginia women were caused by maternal conditions giving a rate of 7.6 per 100,000 live births. Both the number and rate of maternal deaths doubled over the 1980 figures of 3 maternal deaths, or 3.8, per 100,000 live births. Four maternal deaths occurred to nonwhite women in 1981 with a resulting rate of 19.6 per 100,000 live births which was considerably higher than the white rate of 3.4.

MATERNAL DEATHS BY CAUSE BY RACE
VIRGINIA, 1981

Cause	Total	White	Nonwhite
TOTAL	6	2	4
Complications mainly related to pregnancy (640-648)	2	1	1
Complications occurring mainly in the course of labor and delivery (660-669)	2	1	1
Complications of the puerperium (670-676)	2		2

NOTE: Numbers in parentheses are from ICD, 9th revision.

ALL PREGNANCY TERMINATIONS

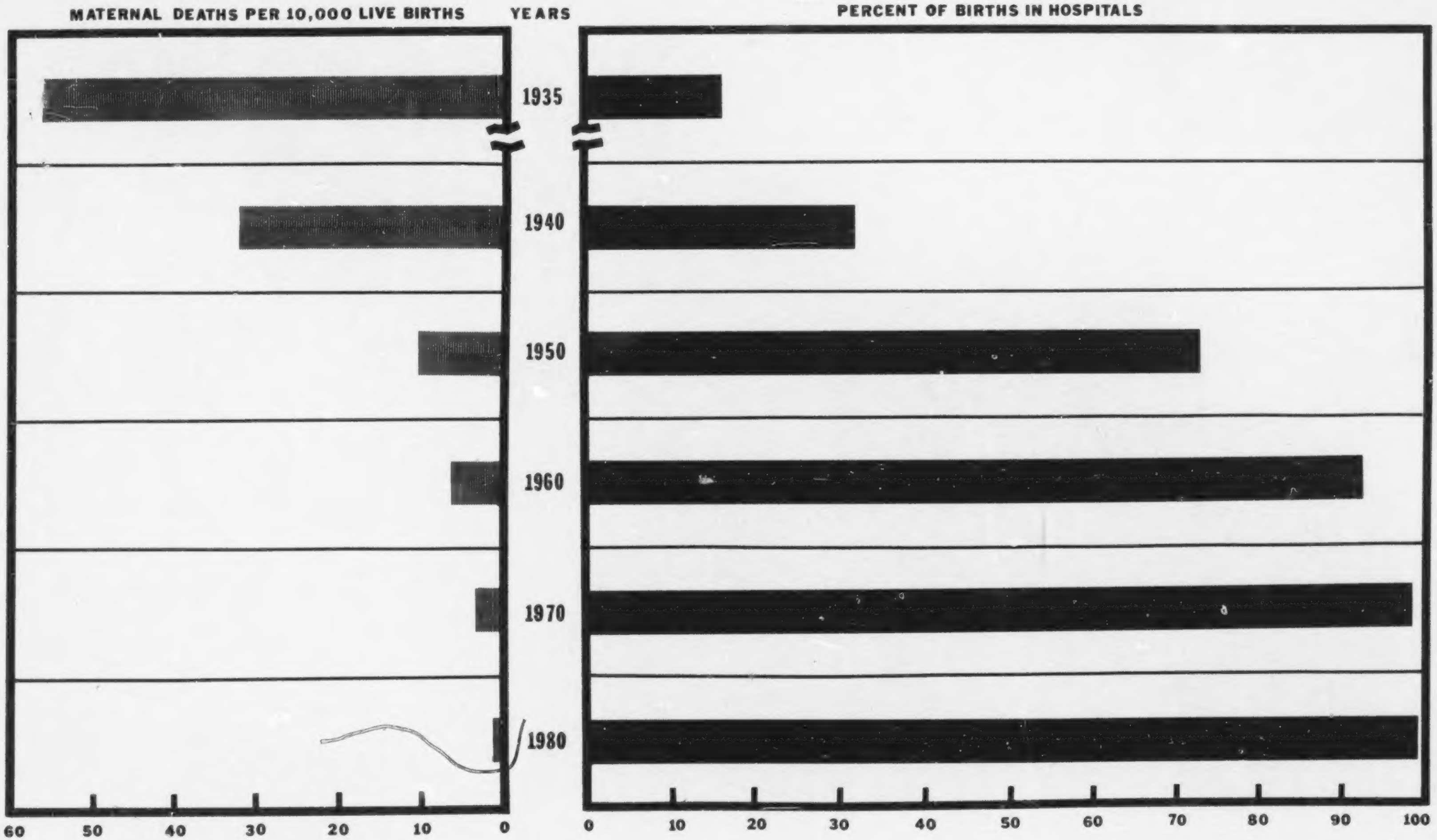
A total of 116,075 pregnancy terminations (live births and all fetal deaths) were reported for Virginia residents in 1981, representing 1,142 more than in the previous year. This 1.0 percent increase resulted from an increase of 1.1 percent in the number of live births and a 2.8 percent increase in natural fetal deaths. During the past ten years, there has been a rising trend in total deliveries due to the increase in abortions which was greatly accelerated with the 1970 Virginia legislative action and late Supreme Court decisions nullifying most requirements regarding induced abortions.

RESIDENT PREGNANCY TERMINATIONS BY TYPE
VIRGINIA, 1972-1981

Year	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
1972	85,547	75,068	10,479	4,564	5,915
1973	84,373	71,665	12,708	7,136	5,572
1974	90,257	71,066	19,191	13,594	5,597
1975	92,915	70,032	22,883	17,066	5,817
1976	97,604	69,972	27,632	21,563	6,069
1977	105,831	74,246	31,585	25,399	6,186
1978	107,972	73,349	34,623	28,492	6,131
1979	112,559	76,899	35,660	29,455	6,205
1980	114,933	78,423	36,510	30,062	6,448
1981	116,075	79,278	36,797	30,166	6,631

CHART D

MATERNAL MORTALITY AND HOSPITALIZATION OF BIRTHS IN VIRGINIA SINCE 1935



For females in the age groups under 15 and 45 and over, there were more induced abortions than live births. The largest age-specific rate for births was in the 25-29 year age group. The 20-24 and 25-29 year age groups tied for the largest age-specific rate for natural fetal deaths (7.4); while for induced abortions and total pregnancy terminations, the 20-24 year age group had the highest rates.

PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS
INDUCED ABORTIONS AND NATURAL FETAL DEATHS PER 1,000 FEMALES BY AGE
VIRGINIA, 1981

Age	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
TOTAL	87.7	59.9	27.8	22.8	5.0
Under 15*	15.3	6.0	9.4	8.9	0.5
15-19	89.0	47.6	41.5	37.8	3.7
20-24	144.8	97.2	47.6	40.2	7.4
25-29	128.6	98.3	30.3	22.9	7.4
30-34	79.3	60.7	18.6	12.9	5.7
35-39	27.1	18.1	9.0	6.5	2.5
40-44	6.0	2.9	3.1	2.3	0.9
45 & over**	2.6	0.8	1.9	1.0	0.8

Rates are based on population age 14* and age 45** only.

ALL FETAL DEATHS

The 36,797 fetal deaths of all types occurring to Virginia residents in 1981 represented an increase of 287, or 0.8 percent, over the previous year. All fetal deaths reported for white residents decreased 0.4 percent while fetal deaths for nonwhites increased 3.6 percent.

The Fetal Death total included Induced Abortions which accounted for 82.0 percent of all fetal deaths. All other fetal deaths are referenced as Natural Fetal Deaths throughout this report.

INDUCED ABORTIONS

During 1981, at least 30,166 Virginia residents received induced abortions, an increase of 0.3 percent over the 1980 figure of 30,062. Reports of abortions occurring to Virginia residents in other areas are not included in this report since there is no regular interchange of abortion information among states. In addition to the 30,166 Virginia resident induced abortions that occurred in the State, 1,871 abortions were performed in Virginia for residents of other areas. These made a total of 32,037 induced abortions occurring in Virginia in 1981, 0.2 percent more than in the previous year.

INDUCED ABORTIONS
VIRGINIA, 1981

Location	Total	White	Nonwhite
TOTAL OCCURRENCES	32,037	22,026	10,011
Residents of Virginia	30,166	20,706	9,460
Residents of other areas	1,871	1,320	551

Over two-thirds (68.6 percent) of the 30,166 Virginia residents known to have had induced abortions were white. The induced abortion rate per 1,000 white women aged 15-44 was 19.6, while the comparable figure for nonwhites was 35.7. The State figure for all women was 22.8 per 1,000 females aged 15-44.

RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1981

Age	Numbers			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	30,166	20,706	9,460	22.8	19.6	35.7
Under 15*	359	148	211	8.9	4.7	22.7
15-19	8,979	6,602	2,377	37.8	35.7	45.2
20-24	10,518	7,295	3,223	40.2	35.4	57.8
25-29	5,686	3,588	2,098	22.9	18.2	40.8
30-34	2,946	1,914	1,032	12.9	10.3	23.6
35-39	1,246	858	388	6.5	5.5	11.5
40-44	357	247	110	2.3	1.9	4.0
45 & over**	29	18	11	1.0	0.8	2.2
Not stated	46	36	10			

Rates based on females aged 14* and 45** only.

Age categories 15-19 and 20-24 each accounted for approximately one-third of Virginia's resident abortions. The age-specific rates for these groups, 37.8 and 40.2 per 1,000 women, were also similar. The median ages for total, white and nonwhite groups were 22.4, 22.1 and 23.1, respectively. Although the median age for both white and nonwhite women having induced abortions has gone up over the past six years, the nonwhite median age has increased at a faster rate.

MEDIAN AGES OF RESIDENT WOMEN RECEIVING INDUCED ABORTIONS BY RACE VIRGINIA, 1972-1981

Year	Total	White	Nonwhite
1972	22.5	N.A.	N.A.
1973	22.3	22.8	21.8
1974	21.6	21.5	21.7
1975	21.6	21.5	21.9
1976	21.8	21.6	22.0
1977	21.8	21.5	22.2
1978	22.0	21.7	22.7
1979	22.0	21.7	22.8
1980	22.2	21.9	23.0
1981	22.4	22.1	23.1

More than three-fourths (81.4 percent) of the women receiving induced abortions in 1981 were not married to the father at the time of the abortion. The comparable figure for 1981 live births was 19.4. The illegitimacy rate for induced abortions for 1981 has increased 28.0 percent from the rate of 63.6 in 1971, the first full year after the legalizing legislation.

The percentages of induced abortions that were illegitimate were highest for the youngest age groups and generally decreased as age at abortion increased. The nonwhite rates, however, were higher than the white rates at all age levels except for the under 15 age group.

RESIDENT ILLEGITIMATE INDUCED ABORTIONS BY AGE OF MOTHER WITH PERCENT ILLEGITIMATE, VIRGINIA, 1981

Age	Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	24,549	16,705	7,844	81.4	80.7	82.9
Under 15	357	148	209	99.4	100.0	99.1
15-19	8,559	6,257	2,302	95.3	94.8	96.8
20-24	8,895	6,093	2,802	84.6	83.5	86.9
25-29	4,102	2,540	1,562	72.1	70.8	74.5
30-34	1,792	1,115	677	60.8	58.3	65.6
35-39	634	411	223	50.9	47.9	57.5
40-44	158	106	52	44.3	42.9	47.3
45 & over	13	6	7	44.8	33.3	63.6
Not stated	39	29	10			

Of the 30,166 resident abortions, at least 97.4 percent were under 20 weeks gestation and over one-third (39.7 percent) were 8-9 weeks gestation. Only 1.0 percent of the induced abortions were 20 weeks or more gestation.

For 29,076, or 96.4 percent, of the induced abortions, suction curettage was the procedure used to terminate pregnancy. Sharp curettage was done for 139 terminations. Intra-uterine saline instillation and intra-uterine prostaglandin instillation were the methods used for 330, or 47.4 percent, of the 696 pregnancy terminations of 18 weeks or more gestation.

RESIDENT INDUCED ABORTIONS
PROCEDURES USED TO TERMINATE PREGNANCY BY GESTATION
VIRGINIA, 1981

Procedure	Total	Gestation (in Weeks)							
		Under 6	6-7	8-9	10-11	12-13	14-19	20 & Over	Unk.
TOTAL	30,166	1,205	7,887	11,987	5,262	1,759	1,272	315	479
Suction Curettage	29,076	1,156	7,703	11,830	5,202	1,722	856	166	441
Sharp Curettage	139	11	37	46	18	10	8		9
Intra-uterine saline instillation	410	2	1	2	1	16	260	114	14
Intra-uterine prostaglandin instillation	151					3	115	29	4
Hysterectomy	21		2	2		1	14	1	1
Hysterotomy	20	3	5	3	3	1	3		2
Other	70	1	26	21			14	5	3
Unknown	279	32	113	83	38	6	2		5

The largest number of induced abortions (3,648) was reported for residents of Fairfax county. Following were Richmond city with 2,759, Norfolk with 2,069, Virginia Beach with 2,051, Henrico with 1,679, and Newport News with 1,243. All other areas had less than 1,000 residents receiving induced abortions.

NATURAL FETAL DEATHS

Natural fetal deaths, as shown below for the years 1972-1981, are the total fetal deaths for those years less the instances where the pregnancy termination was indicated as induced. These figures appear to be influenced somewhat by the changing legislation regarding induced abortion.

RESIDENT NATURAL FETAL DEATHS BY RACE
VIRGINIA, 1972-1981

Year	Total	White	Nonwhite
1972	5,915	4,382	1,533
1973	5,572	4,148	1,424
1974	5,597	4,211	1,386
1975	5,817	4,243	1,574
1976	6,069	4,389	1,680
1977	6,186	4,466	1,720
1978	6,131	4,390	1,741
1979	6,205	4,420	1,785
1980	6,448	4,620	1,828
1981	6,631	4,835	1,796

Resident natural fetal deaths totaled 6,631 in 1981 reflecting a 2.8 percent increase over the previous year. The rate was 83.6 per 1,000 live births.

Only 13.0 percent of the natural fetal deaths occurred at 20 weeks or more gestation; for nonwhites, the percentage was 19.5, much higher than the comparable percentage of 10.6 for whites.

RESIDENT NATURAL FETAL DEATHS, RACE BY LENGTH OF GESTATION
VIRGINIA, 1981

Length of Gestation	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	6,631	100.0	4,835	100.0	1,796	100.0
Under 20 weeks	5,769	87.0	4,323	89.4	1,446	80.5
20-27 weeks	418	6.3	229	4.7	189	10.5
28 weeks & over	444	6.7	283	5.9	161	9.0

The median age of women having natural fetal deaths was 26.2 in 1981. This compares to 25.5 for live births and 22.4 for induced abortions. Natural fetal deaths accounted for 5.7 percent of total pregnancies that ended during 1981. This statistic ranged from 3.2 percent for the under 15 age group and increased with each older age group to a high of 31.5 percent for women 45 and over.

NATURAL FETAL DEATHS BY AGE WITH
PERCENT OF TOTAL PREGNANCY TERMINATIONS
VIRGINIA, 1981

Natural Fetal Deaths	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Number	6,631	20	877	1,928	1,851	1,308	473	134	23	17
Percent of Pregnancy Terminations	5.7	3.2	4.1	5.1	5.8	7.2	9.1	14.2	31.5	

A non-specific reason was mentioned for the cause of the fetal death on 81.6 percent of these records. Of the 1,221 specified causes, ectopic pregnancy with 487 placed first. Conditions in the placenta (187) and blighted ovum (93) ranked second and third.

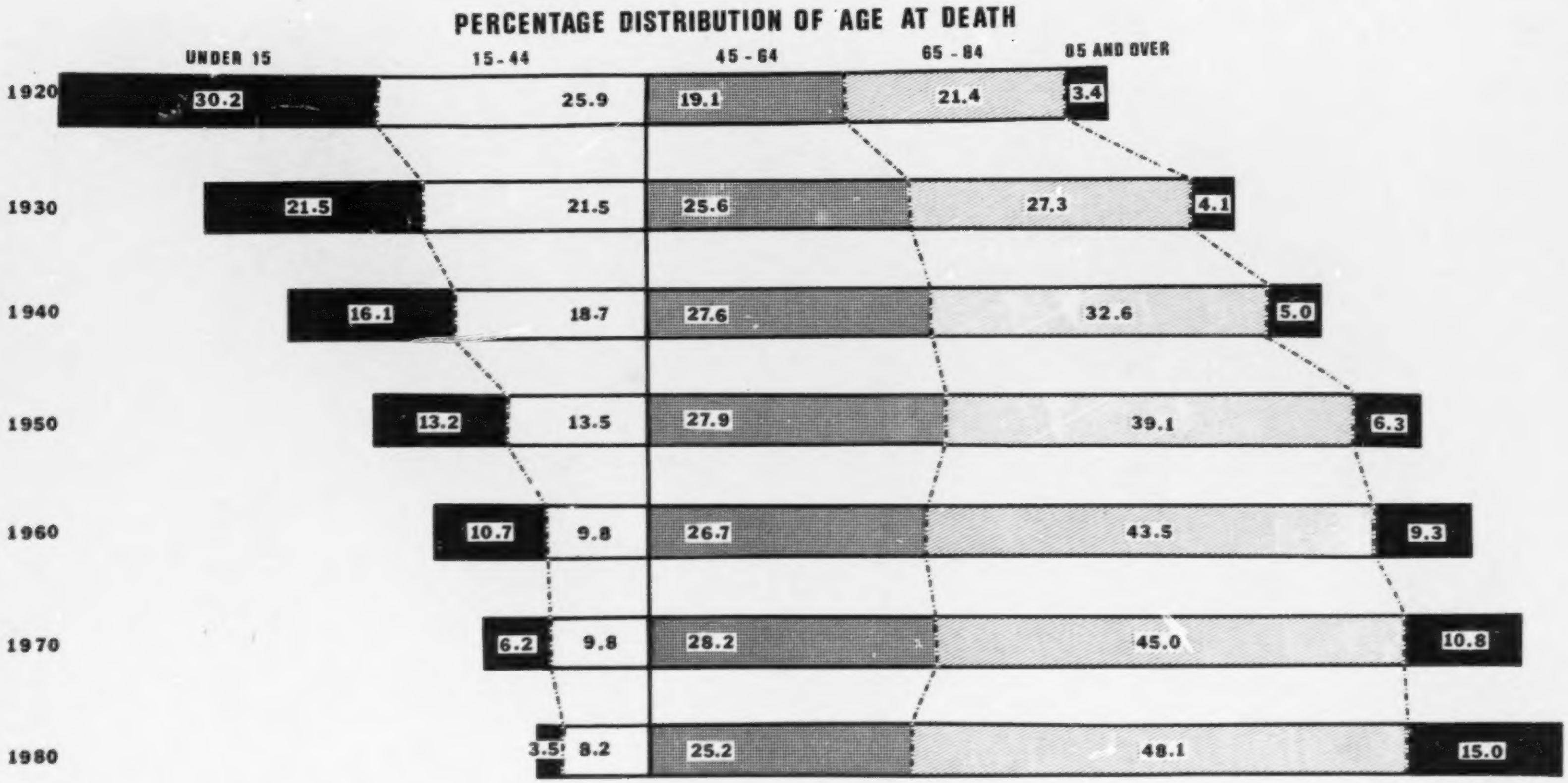
RESIDENT DEATHS

In 1981, the number of deaths for Virginia residents was 42,199, a decrease of 297, or 0.7 percent, from the 42,496 deaths reported in 1980. The resulting deaths rate of 7.8 per 1,000 population was slightly lower than the 7.9 rate for 1980. The comparable provisional rate for the United States was 8.7 per 1,000 population in 1981.

CHART E

CHANGING PATTERNS IN MORTALITY

VIRGINIA SINCE 1920



Note: Percentage Distributions Are Based On Three Years Around The Decennial Year.

NUMBER OF RESIDENT DEATHS AND DEATH RATES PER 1,000 POPULATION BY RACE VIRGINIA, 1977-1981

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1977	39,744	7.7	30,642	7.3	9,102	9.6
1978	40,649	7.9	31,497	7.6	9,152	9.2
1979	40,798	7.8	31,749	7.6	9,049	8.2
1980	42,496	7.9	32,865	7.8	9,631	8.6
1981	42,199	7.8	32,954	7.7	9,245	8.2

Median Age at Death. For all Virginia residents, the median age at death was 70.9 -- a 0.1 year increase over the 70.8 median age in 1980. The median age at death for whites remained the same in 1981, at 72.0, while the nonwhite median age increased by 0.5 years. The median age at death for Virginia males increased by 0.3 years, and the figure for females increased by 0.1 years.

MEDIAN AGE AT DEATH BY RACE BY SEX VIRGINIA, 1980 AND 1981

Sex	Total		White		Nonwhite	
	1980	1981	1980	1981	1980	1981
Total	70.8	70.9	72.0	72.0	66.6	67.1
Male	67.6	67.9	68.5	68.7	64.3	65.1
Female	75.0	75.1	76.5	76.4	69.7	69.8

Month of Death. January had the greatest frequency of deaths with 4,432 and also the largest daily average (143). The smallest number of deaths occurred in September (3,177), which also had the lowest daily average of 106.

DAILY AVERAGE OF RESIDENT DEATHS BY MONTH VIRGINIA, 1981

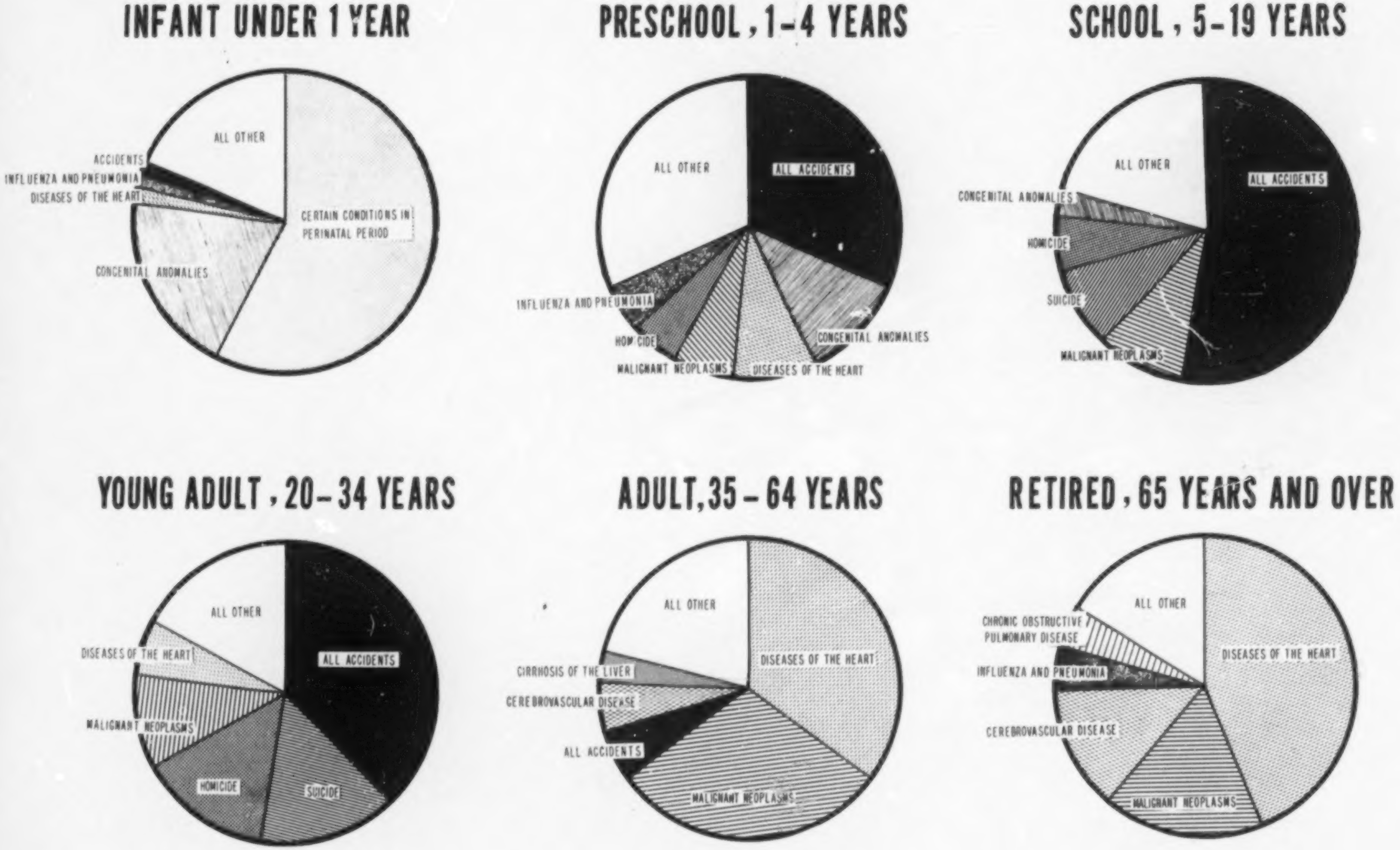
Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
116	143	123	117	112	107	110	109	109	106	113	118	122

Out-of-State Occurrences. Of the resident total deaths, 6.1 percent occurred outside the State. The District of Columbia or one of the states that border Virginia accounted for 84.1 percent of these deaths. Of the 1,893 deaths which occurred to out-of-state residents in Virginia, 67.0 percent involved those who were residents of the bordering areas.

CHART F

LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS

VIRGINIA, 1981



INFANT UNDER 1 YEAR

PRESCHOOL, 1–4 YEARS

SCHOOL, 5–19 YEARS

YOUNG ADULT, 20–34 YEARS

ADULT, 35 – 64 YEARS

RETIRED, 65 YEARS AND OVER

DEATHS INVOLVING VIRGINIA AND BORDERING AREAS, 1981

Area	Virginia residents dying out-of-state		Out-of-state residents dying in Virginia	
	Number	Percent	Number	Percent
TOTAL	2,571	100.0	1,893	100.0
Tennessee	567	22.1	110	5.8
District of Columbia	542	21.1	100	5.3
North Carolina	409	15.9	440	23.2
Maryland	325	12.6	193	10.2
West Virginia	286	11.1	390	20.6
Kentucky	33	1.3	35	1.8
Other	409	15.9	625	33.0

Leading Causes of Death. During the past 30 years, the four leading causes of death have been diseases of heart, malignant neoplasms, cerebrovascular disease, and accidents ranking first to fourth, respectively, each year. These four causes together have accounted for more than seven out of every ten Virginia resident deaths since 1966.

NUMBER AND RATE PER 100,000 POPULATION FOR THE MAJOR CAUSES OF DEATH FOR SELECTED YEARS, VIRGINIA, 1950-1981

Year	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Diseases		All Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	9,941	299.5	3,389	102.1	3,653	110.1	2,058	62.0
1955	10,825	295.8	4,058	110.9	3,881	106.1	2,005	54.8
1960	12,512	314.1	4,730	118.8	4,153	104.3	2,000	50.2
1965	13,698	309.5	5,534	125.0	4,256	96.2	2,442	55.2
1970	14,494	310.7	6,383	136.8	4,175	89.5	2,588	55.5
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8
1981	15,442	284.4	9,090	167.4	3,819	70.3	2,253	41.5

The overall trend for the number as well as the rate of deaths due to malignant neoplasms has been increasing; however, figures for 1981 showed a slight decrease. The respiratory system with 2,597 and the digestive organs and peritoneum with 2,164 were the sites most often reported as primary. These sites accounted for more than one-half of all resident deaths attributed to malignant neoplasms.

LEADING CAUSES OF RESIDENT DEATHS BY RACE AND SEX VIRGINIA, 1981

Cause	Total		White				Nonwhite			
			Male		Female		Male		Female	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
ALL CAUSES	42,199		17,797		15,157		5,158		4,087	
Diseases of heart (390-398,402,404-429)	15,442	1	6,722	1	5,648	1	1,645	1	1,427	1
Malignant neoplasms (140-208)	9,090	2	3,876	2	3,271	2	1,150	2	793	2
Cerebrovascular disease (430-438)	3,819	3	1,161	4	1,779	3	396	3	483	3
Accidents, all types (E800-E949)	2,253	4	1,187	3	549	4	393	4	124	5
Pneumonia & influenza (480-487)	1,252	5	517	6	499	5	162	6	74	7
Chronic obstructive pulmonary diseases (490-496)	1,242	6	703	5	379	6	115	8	45	12
Suicide (E950-E959)	711	7	479	7	154	9	63	12	15	17
Diabetes mellitus (250)	633	8	174	12	235	8	78	9	146	4
Certain conditions originating in the perinatal period (760-779)	560	9	183	9	146	11	123	7	108	6
Chronic liver disease and cirrhosis (571)	555	10	287	8	150	10	65	10	53	10
Other causes	6,642		2,508		2,347		968		819	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Accidental Deaths. Accidents were responsible for the deaths of 2,253 Virginia residents in 1981 -- an 8.0 percent decrease from 1980. The accidental death rate for 1981 was 41.5 per 100,000 population compared to the provisional United States rate of 44.5.

RESIDENT DEATHS FROM ACCIDENTS AND CAUSES OTHER THAN ACCIDENTS WITH PERCENTAGES OF TOTAL DEATHS IN SPECIFIED AGE GROUPS, VIRGINIA, 1981

Age	Accidental Deaths		Non-Accidental Deaths	
	Number	Percent	Number	Percent
TOTAL	2,253	5.3	39,946	94.7
Under 1	15	1.5	985	98.5
1-4	55	32.2	116	67.8
5-14	86	42.2	118	57.8
15-24	486	54.2	411	45.8
25-44	576	22.6	1,968	77.4
45-64	435	4.2	9,940	95.8
65-74	232	2.3	10,031	97.7
75 and over	368	2.2	16,367	97.8
Unknown			10	

As in previous years, accidents was the leading cause of death for Virginians in age groups 1-4 years, 5-14 years, 15-24 years and 25-44 years. These age groups accounted for only 3,816, or 9.0 percent, of the total 42,199 deaths; but, 53.4 percent of all accidental deaths occurred in these age groups. Accidents accounted for 627, or 49.3 percent, of the 1,272 deaths of Virginians aged 1 through 24.

Males accounted for 70.1 percent of the accidental deaths compared to 54.4 percent of all deaths. White males alone were over half (52.7 percent) of the accidental death victims. For most types of accidents, males had a much higher number of deaths than females.

Motor vehicles was again the major cause of accidental deaths contributing 46.6 percent of the total. The 1,049 motor vehicle deaths represented a 3.0 percent decrease from 1980. The motor vehicle death rate for 1981 was 19.3 per 100,000 population compared to the United States rate of 22.8 for the same year. Of the total motor vehicle fatalities, 68.2 percent were in the age group 15 through 44.

RESIDENT ACCIDENTAL DEATHS BY LEADING TYPES OF ACCIDENTS BY SEX
VIRGINIA, 1981

Type of Accident	Total	Male	Female
TOTAL	2,253	1,580	673
Motor vehicle (E810-E825)	1,049	774	275
Falls (E880-E888)	309	156	153
Fires (E890-E899)	163	103	60
Poisoning, all types (E850-E869)	139	98	41
Drowning and submersion (E910)	102	86	16
Suffocation from inhaled or ingested object (E911-E912)	83	34	49
Excessive heat, cold, or exposure (E900-E904)	64	44	20
Surgical and medical misadventures and complications (E870-879)	50	29	21
Machinery (E919)	36	36	
Falling or projected object or caught between objects (E916-E918)	33	31	2
Water transport (E830-E838)	31	30	1
Firearms (E922)	27	27	
Electric current (E925)	24	23	1
Aircraft (E840-E845)	21	21	
Railway (E800-E807)	21	20	1
All other	101	68	33

NOTE: Numbers in parentheses are from ICD, 9th Revision.

The second major cause of accidental deaths was falls, representing 13.7 percent of the total. Of these deaths due to falls, 73.1 percent occurred to those who were 65 years or older.

Of the total accidental deaths, 492, or 21.8 percent, occurred on the home premises. The two principal causes for home accidents were falls (171 deaths) and fire (154 deaths), representing 66.1 percent of all home accidental deaths. There were 13 firearm fatalities in the home representing 48.1 percent of the total accidental deaths by this means. There were 9 motor vehicle deaths that occurred on the home premises.

Persons 65 years and older were victims in 46.5 percent of the home accident fatalities. This age group accounted for 78.4 percent of the accidental fall deaths and 40.9 percent of the accidental fire deaths in the home.

CLASSIFICATION OF RESIDENT ACCIDENTAL DEATHS BY RACE, VIRGINIA, 1981

Classification of Accident	Total	White	Nonwhite
TOTAL ACCIDENTAL DEATHS	2,253	1,736	517
Accidental deaths specified as to type:			
Motor vehicle (E810-E825)	1,049	855	194
Other transport (E800-E807,E826-E848)	77	60	17
Home (E850-E949, home)	483	334	149
Other (E850-E949, residual)	644	487	157

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Suicide. Suicide, the seventh leading cause of death in 1981, has been among the ten leading causes of death since 1965. There were 711 suicide deaths recorded for Virginia residents in 1981, representing a decrease of 1.0 percent from the 718 occurring in 1980. The resulting rate, 13.1 deaths per 100,000 population, was higher than the United States rate of 12.3 for 1981.

Suicides were more frequent among whites than nonwhites. While nonwhites comprised 20.9 percent of the population in 1981, only 11.0 percent of the suicidal deaths occurred in that group. Of all suicides, 67.4 percent involved white males; 21.7 percent, white females; 8.9 percent, nonwhite males; and 2.1 percent, nonwhite females.

RESIDENT SUICIDES BY AGE, BY RACE AND SEX WITH RATES PER 100,000 POPULATION, VIRGINIA, 1981

Race/Sex	Total	Age Groups								
		Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Unk.
TOTAL	711	4	117	166	111	101	106	66	39	1
White male	479	1	89	118	62	62	67	43	36	1
White female	154	3	17	26	32	31	27	16	2	
Nonwhite male	63		8	21	13	6	9	5	1	
Nonwhite female	15		3	1	4	2	3	2		
TOTAL RATES*	16.8		11.5	17.5	16.0	18.6	21.4	19.8	19.7	
White male	28.8		21.8	30.9	21.4	28.1	35.2	37.3	66.6	
White female	8.7		4.3	6.8	11.2	13.6	12.4	10.4	1.9	
Nonwhite male	16.7		7.5	23.5	23.2	13.8	21.9	17.7	7.4	
Nonwhite female	3.6		2.8	1.1	6.5	3.9	6.4	5.7	0.0	

*Rates for totals of Race/Sex groups based on ages 15 and over.

The largest percentage of those taking their own lives (23.3 percent) occurred for the group aged 25-34 years. The greatest age specific rate, however, occurred for persons aged 55-64 years. In regard to age-race-sex specific rates, white male rates were highest for all age groups with the exception of nonwhite males in the 35-44 age group. The rates for white males generally increased as age increased.

In 1981, suicide was the second leading cause of death for the age group 15-24 (after accidents) and it was the fourth leading cause for the age group 25-44 (after accidents, cancer, and heart disease).

Firearms and explosives were the implements used in 64.6 percent of the suicides. Of the 459 deaths by this means, 53.8 percent were aged 15-44 years. This method was used by 343, or 71.6 percent, of the 479 white males committing suicide and by 40, or 63.5 percent, of the nonwhite males. The second most used method in 1981, hanging, strangulation and suffocation, was responsible for 82, or 11.5 percent, of the total suicides; 67.1 percent of these were white males and 20.7 percent were white females.

RESIDENT SUICIDES BY RACE, SEX AND METHOD
VIRGINIA, 1981

Method	Total	Race/Sex			
		White Male	White Female	Nonwh Male	Nonwh Female
TOTAL	711	479	154	63	15
Firearms and explosives (E955)	459	343	71	40	5
Hanging, strangulation, and suffocation (E953)	82	55	17	7	3
Poisoning by drugs and medicaments (E950.0-E950.5)	66	13	49	2	2
Poisoning by domestic and other gases (E951-E952)	40	31	8	1	
Submersions (drownings) (E954)	23	11	1	7	4
Cutting and piercing instruments (E956)	15	11	2	2	
Jumping from high places (E957)	14	10	2	2	
Poisoning by other solid and liquid substances (E950.6-E950.9)	4	1	2	1	
Other and unspecified means (E958)	8	4	2	1	1

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Homicides. Of the 42,199 deaths occurring to Virginia residents in 1981, homicides accounted for 1.2 percent. The total, 500, represented an increase of 0.8 percent over the 496 homicidal deaths in 1980. Virginia's death rate resulting from homicides, 9.2 per 100,000 population, was lower than the State's 9.3 rate for 1980 and also lower than the United States rate of 10.7 for 1981.

In 1981, 268 of the homicide victims were white and 232 were nonwhite, producing rates of 6.2 and 20.5 per 100,000 population, respectively. Homicide was the fifth ranking cause of death for nonwhite males, the ninth for nonwhite females, the tenth for white males, and the fifteenth for white females.

Homicide was the third leading cause of death for the 5-14 and 15-24 age groups, fifth (tied with pneumonia) for the 1-4 age group, and also fifth for the 25-44 age group. The median age of death for homicide victims was 33.5 years. For nonwhite males, it was 34.4 years, for white males, 35.2 years, for white females, 29.1 years and for nonwhite females, 31.0 years.

Firearms and explosives were the implements used in 338, or 67.6 percent, of the homicides in 1981. Assault by cutting and piercing instruments, with 80, was the second most frequently used method. Seven deaths were the result of injuries inflicted through legal intervention.

RESIDENT HOMICIDE DEATHS BY RACE BY METHOD
VIRGINIA, 1981

Method	Total	White	Nonwhite
TOTAL	500	268	232
Assault by:			
Firearms and explosives (E965)	338	194	144
Cutting and piercing instruments (E966)	80	27	53
Hanging and strangulation (E963)	23	15	8
Submersion (drowning) (E964)	2		2
Other and unspecified means (E968)	39	24	15
Child battering and other maltreatment (E967)	7	2	5
Fight, brawl, rape (E960)	1	1	
Late effects of injury purposely inflicted (E969)	3	1	2
Injury due to legal intervention (E970-E978)	7	4	3

NOTE: Numbers in parentheses are from ICD, 9th Revision.

MARRIAGES

In 1981, 61,410 marriages were performed in Virginia, an increase of 1,200, or 2.0 percent, from the 60,210 marriages recorded in 1980. Virginia's rate of 11.3 per 1,000 population for 1981 was higher than the United States provisional rate of 10.6 per 1,000 population.

MARRIAGES BY RACE AND SEX
VIRGINIA, 1981

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	61,410	52,297	8,397	716
White males	52,061	51,590	176	295
Black males	8,759	511	8,203	45
Other males	590	196	18	376

Marriages between white males and white females increased (1.5 percent) over the previous year. For marriages where both parties were black, there was also an increase (3.5 percent).

There were 1,241 interracial marriages in 1981, with 687 of these being between whites and blacks. A total of 511 involved black males and white females, and 176 were between white males and black females. There were 63 marriages recorded between persons classified as black and "other" race, while 491 involved "other" race and whites.

For 44,988 marriages (73.3 percent), both the bride and the groom were residents of Virginia. There were 3,193 (5.2 percent) marriages between resident brides and non-resident grooms, and 1,150 (1.9 percent) between non-resident brides and resident grooms.

Marriages in which both bride and groom were non-residents of Virginia numbered 12,078 in 1981, 19.7 percent of the total number of marriages performed. This was a decrease of 2.6 percent from the 1980 number of 12,400. States of residence most frequently reported by non-resident brides and grooms married in Virginia were West Virginia, Kentucky, Ohio and Pennsylvania.

MARRIAGES WHERE AT LEAST ONE PARTY WAS A NON-RESIDENT
BY STATE OF RESIDENCE, VIRGINIA, 1981

State of Residence	Both from Same State	Bride's State	Groom's State
West Virginia	2,722	2,971	3,006
Kentucky	2,314	2,483	2,493
Ohio	1,701	1,861	1,907
Pennsylvania	1,055	1,170	1,258
Maryland	532	799	958
District of Columbia	474	637	680
North Carolina	468	533	946
Tennessee	421	521	622
New York	230	349	748
Florida	140	227	333

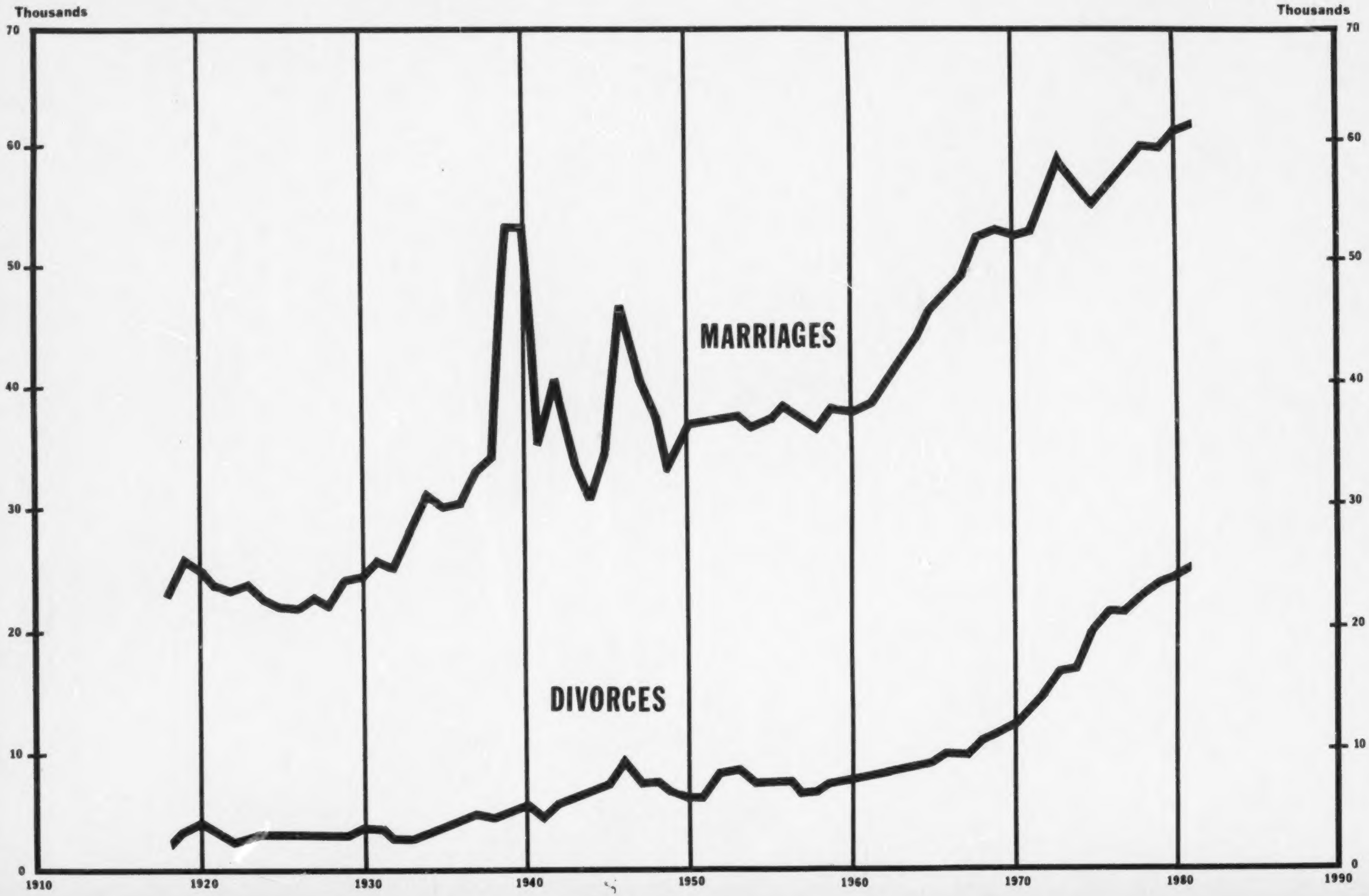
Fairfax county, with 3,741, led the State in the number of marriages performed. Following in descending order were Norfolk city (3,347), Richmond city (3,032), Virginia Beach city (2,999), and Arlington county (2,526). These five cities and counties accounted for 25.5 percent of the total marriages in 1981.

Since 1977, the most frequently stated age for grooms has been twenty-two. This varied from the long time stable twenty-one of previous years. The most frequently stated age for brides remained eighteen. Marriages involving brides under twenty-one constituted 28.8 percent of the total marriages, whereas the percent for grooms was 14.7. Couples where both parties were under twenty-one constituted 12.2 percent of the total marriages. Among the brides, 13,227, or 21.5 percent, and among the grooms, 5,278, or 8.6 percent, were teenagers. The median ages for brides and grooms married in 1981 were 24.1 and 26.4 years, respectively. Comparable 1980 median ages were 23.7 and 26.0.

The 32,002 first marriages for both parties in 1981 accounted for 52.1 percent of the total marriages. The median ages for brides and grooms married for the first time were 21.2 and 23.1, respectively.

CHART G

MARRIAGES AND DIVORCES IN VIRGINIA SINCE 1918



Brides who had previously been married represented 35.8 percent of the total brides, and previously married grooms represented 36.7 percent of the 1981 grooms. In 1980, the percentages for previously married brides and grooms were 34.8 and 36.0, respectively.

The 45,086 religious ceremonies accounted for 73.4 percent of the total 1981 marriages. Protestant clergymen officiated for 90.6 percent of the religious ceremonies, and Catholic clergymen officiated for 5.2 percent.

The number of civil ceremonies (16,315) increased by 6.8 percent over the 1980 figure of 15,279. Civil ceremonies accounted for 26.6 percent of the total marriages in 1981.

MARRIAGE CEREMONIES, NUMBER AND PERCENT
BY TYPE OF OFFICIANT, VIRGINIA, 1981

Type of Officiant	Number	Percent
TOTAL	61,410	100.0
Religious ceremonies	45,086	73.4
Protestant	40,853	66.5
Catholic	2,335	3.8
Jewish	243	0.4
Other denomination	924	1.5
Denomination unknown	731	1.2
Civil	16,315	26.6
Unknown	9	*

*Less than 0.05 percent.

June, as in previous years, was the most popular month for marriages in 1981. During that month, 7,234 marriages were performed with 77.8 percent of these being religious ceremonies. August with 6,465 and May with 6,113 marriages were the second and third most popular months for marriage in 1981. The fewest marriages occurred in January with 3,476. The daily averages for the months are given in the table below.

DAILY AVERAGE OF MARRIAGES BY MONTH
VIRGINIA, 1981

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
168	112	138	124	161	197	241	184	209	177	169	151	156

Of the 38,830 grooms marrying for the first time, 78.0 percent had completed at least 12 years of school. Among the 31,884 white grooms married for the first time, 20.8 percent had finished four or more years of college, while 12.9 percent of the 6,946 nonwhite grooms had finished four or more years of college.

Brides marrying for the first time totaled 39,408 with 79.1 percent completing at least four years of high school. White and nonwhite brides completing four or more years of college were 19.2 and 15.2 percent, respectively.

PERCENT COMPLETING LAST GRADE FOR BRIDES AND GROOMS MARRYING FOR THE FIRST TIME BY RACE
VIRGINIA, 1981

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Groom								
Total	100.0	0.9	3.4	17.8	42.3	16.3	19.4	*
White	100.0	0.7	3.5	17.5	41.4	16.0	20.8	*
Nonwhite	100.0	1.4	2.7	19.1	46.1	17.7	12.9	0.1
Bride								
Total	100.0	0.5	2.6	17.8	41.6	19.0	18.5	*
White	100.0	0.4	2.7	18.1	41.0	18.4	19.2	*
Nonwhite	100.0	0.8	1.9	15.9	44.4	21.6	15.2	0.1

*Less than 0.05 percent.

Of the 22,565 grooms previously married, 73.2 percent completed at least 12 years of school, and 18.6 percent finished four years of college. For the 21,971 previously married brides, 72.2 percent completed at least high school, and 11.1 percent finished four years of college.

DIVORCES AND ANNULMENTS

In 1981, 25,103 divorces and annulments were granted in Virginia and resulted in a rate of 4.6 per 1,000 population, the highest divorce rate on record. This was an increase of 4.5 percent over the 1980 rate of 4.4 per 1,000 population. However, Virginia's rate was still lower then the 1981 provisional rate of 5.3 for the United States.

The 1981 Virginia total represented a 6.3 percent increase over the 23,615 divorces and annulments recorded in 1980. This increase was considerably higher than the 0.3 percent increase from 1979 to 1980.

There were 397 interracial divorces in 1981 with 134 separating white and black persons. Twenty-seven divorces involved white males and black females, and 107 involved black males and white females. Thirty-four divorces were granted between persons classified as "other" races and blacks, while 229 divorces involved whites and "other."

DIVORCES AND ANNULMENTS BY RACE AND SEX
VIRGINIA, 1981

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	25,103	21,161	3,643	299
White males	21,154	20,976	27	151
Black males	3,755	107	3,615	33
Other males	194	78	1	115

Of the total divorces and annulments, 9,274, or 36.9 percent, were granted to persons who were married outside of Virginia.

In 1981, children under 18 were involved in 53.6 percent of the total divorces and annulments. There were approximately 22,442 such children, 1,341 more than in 1980. In 46.3 percent of the divorces the couples had one or two children, while 7.3 percent of the divorces involved couples with three or more children. Of the divorces in which the husband was white, 52.4 percent had one or more children as compared to 60.3 percent for those divorces in which the husband was nonwhite.

PERCENT OF DIVORCES AND ANNULMENTS WITH NUMBER OF CHILDREN IN FAMILY BY RACE OF HUSBAND, VIRGINIA, 1981

Children Per Family (18 years and under)	Total	White		Nonwhite	
		Number	Percent	Number	Percent
TOTAL	25,103	21,154	100.0	3,949	100.0
None	11,333	9,817	46.4	1,516	38.4
1 child	6,924	5,717	27.0	1,207	30.6
2 children	4,707	3,914	18.5	793	20.1
3 children	1,376	1,126	5.3	250	6.3
4 or more children	452	320	1.5	132	3.3
Not stated	311	260	1.2	51	1.3

In 1981, the median age at divorce for all men was 33.5 years, and 31.2 years for all women. Wives under twenty-one were involved in 3.8 percent of all divorces and annulments occurring in 1981, while only 0.9 percent of divorces involved husbands who were under twenty-one.

Virginia law allows divorce for only a limited number of reasons. In 1981, a total of 86.3 percent of the divorces were granted on grounds of separation for more than one year and 9.3 percent, for desertion. In 60.3 percent of the cases, the divorce was granted to the wife. Annulments totaled 111 in 1981.

NUMBER OF DIVORCES AND ANNULMENTS BY CAUSE WITH PERCENT BY PERSON TO WHOM DIVORCE WAS GRANTED, VIRGINIA, 1981

Cause	Total	Person to Whom Granted					
		Husband		Wife		Other/Unknown	
		Number	Percent	Number	Percent	Number	Percent
TOTAL	25,103	9,779	39.0	15,128	60.3	196	0.8
Separation	21,670	8,617	39.8	12,880	59.4	173	0.8
Desertion	2,345	860	36.7	1,472	62.8	13	0.6
Adultery, Sodomy	506	222	43.9	281	55.5	3	0.6
Cruelty	368	36	9.8	328	89.1	4	1.1
Imprisonment	75	1	1.3	73	97.3	1	1.3
Other/unknown	28	12	42.9	15	53.6	1	3.6
Annulments	111	31	27.9	79	71.2	1	0.9

Couples for which both parties were ending their first marriage accounted for 69.0 percent of the total number of divorces granted. Of the divorced women, 78.2 percent were ending their first marriage and 17.8 percent, their second marriage. The comparble percentages for men getting divorced were 77.6 and 18.4 percent, respectively.

The median duration of marriage to separation for all divorces was 5.9 years. For divorces in which the husband was white, the median length of time from marriage to separation was 6.1 years, while for divorces in which the husband was nonwhite, the comparable length of time was 5.0 years. For 20.3 percent of the marriages, the couples separated in less than two years, 30.4 percent in 2-5 years, 18.5 percent in 6-9 years, and 30.6 percent in 10 years or more. The duration of marriage was unknown for 0.3 percent of the records.

The largest number of divorces and annulments was granted in Fairfax county (2,898) which includes Fairfax city and Falls Church. This area was followed by Virginia Beach (1,572), Norfolk (1,338), and Richmond city (1,215).

December, with 2,747, was the month with the greatest frequency of divorces. Following in descending order were July (2,291), October (2,279), September (2,167), and April (2,160). The average numbers of divorces per day by month for 1981 are shown in the following table.

DAILY AVERAGE OF DIVORCES AND ANNULMENTS BY MONTH
VIRGINIA, 1981

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
69	53	60	63	72	65	72	74	62	72	74	69	89

Of the 25,103 husbands receiving divorces in 1981, 18,012, or 71.8 percent, had completed at least 12 years of school. Among the 21,154 white husbands, 15,599, or 73.7 percent, had finished 12 years or more of school, while only 2,413, or 61.1 percent, of the 3,949 nonwhite husbands had finished 12 years or more.

PERCENT COMPLETING LAST GRADE FOR HUSBANDS AND WIVES DIVORCED
VIRGINIA, 1981

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Husband								
Total	100.0	3.6	6.6	15.7	38.4	15.0	18.4	2.4
White	100.0	3.1	6.5	14.6	38.1	15.4	20.2	2.0
Nonwhite	100.0	6.1	7.2	21.2	39.9	12.6	8.6	4.4
Wife								
Total	100.0	1.7	4.7	16.4	45.1	16.8	12.8	2.4
White	100.0	1.5	4.5	15.6	45.4	17.3	13.6	2.1
Nonwhite	100.0	2.8	6.1	20.5	43.5	14.5	8.6	3.9

Among the wives, 74.7 percent had completed 12 or more years of education. White and nonwhite wives completing 12 or more years of education were 76.2 and 66.6 percent, respectively. Education was unknown for 2.4 percent of the husbands and 2.4 percent of the wives.

CREMATIONS

In April, 1980, as required by Virginia Statute, the Division of Vital Records and Health Statistics began keeping information on the number of cremations that occurred in Virginia. During 1981, a total of 1,957 cremations were reported by crematories registered with the Division giving a ratio of 4.7 cremations per 100 deaths filed in Virginia. The largest number of cremations (218) were reported for June giving a ratio of 6.8 per 100 deaths filed. About one-third (33.1 percent) of the cremations performed in Virginia in 1981 occurred in the city of Alexandria. This was followed by Goochland with 19.6 percent and Norfolk with 12.5 percent.

NUMBER OF CREMATIONS BY MONTH OCCURRING IN
CREMATORIES REGISTERED WITH DIVISION OF VITAL RECORDS AND HEALTH STATISTICS
VIRGINIA, 1981

City or County of Location	Total	Month of Occurrence											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Alexandria	648	55	46	54	37	50	98	81	40	37	51	47	52
Harrisonburg	82	11	5	5	8	2	6	10	7	10	9	3	6
Newport News	106	9	8	7	10	11	11	8	4	5	7	13	13
Norfolk	244	26	20	14	21	13	30	25	12	18	20	25	20
Salem	162	17	12	14	13	12	17	14	17	11	14	12	9
Virginia Beach	178	19	15	17	15	15	6	14	12	12	13	16	24
Winchester	91	9	2	9	8	9	9	7	9	7	4	7	11
Goochland	383	32	31	35	30	30	32	31	31	33	35	29	34
Henrico	56	13	3	4	3	1	6	4	4	3	4	4	7
Tazewell	7	2			1		3						1
Total Cremations	1,957	193	142	159	146	143	218	194	136	136	157	156	177
Deaths Filed	41,521*	4,125	3,390	3,614	3,229	3,314	3,185	3,326	3,261	3,142	3,480	3,481	3,652
Ratio	4.7	4.7	4.2	4.4	4.5	4.3	6.8	5.8	4.2	4.3	4.5	4.5	4.8

*Includes 322 records filed late.
Ratio = Number of cremations occurring in Virginia per 100 deaths filed in Virginia.

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1981

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	79,278	14.6	42,199	7.8	1,000	12.6	30,166	6,631	61,410	25,103	5,429,700**
District 1	1,387	13.8	962	9.6	17	12.3	59	55	2,323	357	100,300
Lee	312	11.8	266	10.1	2	6.4	9	3	411	99	26,400
Scott	281	11.2	243	9.6	3	10.[illegible]	2	3	438	65	25,200
Wise	745	16.9	409	9.3	12	16.[illegible]	40	43	1,388	193	44,100
Norton	49	10.7	44	9.6		0.0	8	6	86	*	4,600
District 2	2,002	14.1	1,133	8.0	35	17.5	84	174	4,573	513	141,500
Buchanan	526	13.8	267	7.0	7	13.3	19	59	943	133	38,200
Dickenson	275	13.7	175	8.7	7	25.5	10	29	2,503	74	20,100
Russell	419	13.1	235	7.3	8	19.1	9	26	477	114	32,000
Tazewell	782	15.3	456	8.9	13	16.6	46	60	650	192	51,200
District 3	2,134	11.7	1,821	10.0	13	6.1	262	133	1,871	834	182,100
Bland	84	13.1	60	9.4		0.0	10	4	71	23	6,400
Carroll	311	11.0	258	9.1	3	9.6	24	34	198	148	28,200
Grayson	187	11.9	180	11.5	1	5.3	18	18	123	96	15,700
Smyth	424	12.7	346	10.4	2	4.7	75	17	334	179	33,400
Washington	513	10.8	402	8.4	2	3.9	29	28	397	190	47,700
Wythe	328	12.8	275	10.7	3	9.1	78	22	305	120	25,700
Bristol	226	12.4	218	12.0	2	8.8	7	3	373	78	18,200
Galax	61	9.0	82	12.1		0.0	21	7	70	*	6,800
District 4	1,604	11.2	988	6.9	17	10.6	775	157	2,808	613	143,300
Floyd	135	11.3	97	8.1	3	22.2	29	10	92	37	12,000
Giles	214	12.0	153	8.6	3	14.0	40	13	1,798	75	17,800
Montgomery	712	11.0	333	5.1	8	11.2	432	72	502	268	64,700
Pulaski	440	12.5	314	8.9	3	6.8	88	51	291	180	35,100
Radford	103	7.5	91	6.6		0.0	186	11	125	53	13,700
District 5	3,010	11.8	2,527	9.9	29	9.6	1,145	380	2,834	1,221	255,000
Alleghany	176	12.4	108	7.6	1	5.7	38	13	133	86	14,200
Botetourt	238	9.9	204	8.5	1	4.2	52	22	181	92	24,100
Craig	38	10.3	51	13.8		0.0	13	3	34	13	3,700
Roanoke	812	10.9	537	7.2	3	3.7	298	107	555	373	74,600
Clifton Forge	65	13.3	78	15.9		0.0	11	3	208	20	4,900
Covington	96	11.0	108	12.4	2	20.8	29	8	249	*	8,700
Roanoke City	1,335	13.2	1,216	12.1	20	15.0	600	193	1,220	509	100,800
Salem	250	10.4	225	9.4	2	8.0	104	31	254	128	24,000
District 6	2,604	12.4	1,835	8.7	28	10.8	698	163	1,992	814	210,200
Augusta	650	11.9	448	8.2	2	3.1	194	30	402	231	54,600
Bath	69	13.0	63	11.9		0.0	21	1	111	15	5,300
Highland	26	9.0	35	12.1	2	76.9	5	1	23	3	2,900
Rockbridge	237	13.0	171	9.4	2	8.4	55	2	93	79	18,200
Rockingham	824	14.1	439	7.5	11	13.3	182	72	439	275	58,300
Buena Vista	90	13.6	70	10.6		0.0	23	1	83	31	6,600
Harrisonburg	180	8.8	142	6.9	3	16.7	102	16	219	*	20,500
Lexington	42	6.3	58	8.7	1	23.8	26		74	*	6,700
Staunton	264	12.0	252	11.5	5	18.9	49	23	322	94	22,000
Waynesboro	222	14.7	157	10.5	2	9.0	41	17	226	86	15,100
District 7	1,865	14.1	1,297	9.8	12	6.4	221	133	3,071	581	132,700
Clarke	120	12.1	110	11.1	1	8.3	23	6	113	43	9,900
Frederick	539	15.7	244	7.1	2	3.7	42	26	526	131	34,300
Page	250	12.8	213	10.9	1	4.0	46	26	178	101	19,500
Shenandoah	373	13.6	287	10.4	3	8.0	40	24	240	122	27,500
Warren	308	14.3	184	8.6	3	9.7	48	26	223	85	21,500
Winchester	275	13.8	259	13.0	2	7.3	22	25	1,791	99	20,000
District 8	17,227	15.1	5,410	4.7	162	9.4	6,677	1,513	11,689	5,281	1,140,700
Arlington	1,987	13.0	1,068	7.0	18	9.1	799	166	2,526	710	153,400
Fairfax	8,796	14.2	2,494	4.0	72	8.2	3,648	723	3,741	2,898	618,700
Loudoun	920	15.9	318	5.5	6	6.5	295	78	510	322	58,100
Prince William	3,098	20.3	466	3.1	29	9.4	852	268	1,205	772	152,400
Alexandria	1,436	13.5	763	7.2	27	18.8	754	206	2,040	579	106,000
Fairfax City	371	19.0	121	6.2	3	8.1	96	9	1,076	*	19,500
Falls Church	116	12.2	58	6.1	2	17.2	165	11	360	*	9,500
Manassas	384	23.0	89	5.3	4	10.4	61	42	225	*	16,700
Manassas Park	119	18.6	31	4.8	1	8.4	7	10	6	*	6,400
District 9	1,398	15.0	829	8.9	17	12.2	347	105	858	399	93,300
Culpeper	347	15.4	232	10.3	6	17.3	82	15	207	113	22,500
Fauquier	572	15.6	265	7.2	7	12.2	136	50	358	149	36,600
Madison	153	15.1	94	9.3	2	13.1	32	10	106	34	10,100
Orange	259	14.2	175	9.6	2	7.7	69	23	128	76	18,200
Rappahannock	67	11.4	63	10.7		0.0	28	7	59	27	5,900
District 10	2,064	14.3	1,221	8.4	23	11.1	860	160	1,355	616	144,800
Albemarle	800	14.1	380	6.7	11	13.8	274	66	357	230	56,800
Fluvanna	161	15.6	84	8.2	2	12.4	39	5	55	38	10,300
Greene	155	20.4	65	8.6		0.0	27	9	81	28	7,600
Louisa	249	14.0	193	10.8	2	8.0	74	30	143	70	17,800
Nelson	161	13.1	149	12.1	4	24.8	68	12	158	37	12,300
Charlottesville	538	13.5	350	8.8	4	7.4	378	38	561	213	40,000
District 11	2,509	12.8	1,835	9.3	31	12.4	846	259	1,694	864	196,700
Amherst	367	12.6	231	7.9	4	10.9	122	37	250	127	29,100
Appomattox	153	12.9	109	9.2	2	13.1	47	12	113	41	11,900
Bedford	455	12.6	277	7.7	5	11.0	103	44	341	150	36,000
Campbell	571	12.4	333	7.2	9	15.8	144	43	261	210	46,200
Bedford City	64	10.2	120	19.0		0.0	34	8	23	*	6,300
Lynchburg	899	13.4	765	11.4	11	12.2	396	115	706	336	67,200

*Included in adjoining county.

**Due to rounding, the sum of the areas is not equal to the State total.

(continued)

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1981 (continued)

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	79,278	14.6	42,199	7.8	1,000	12.6	30,166	6,631	61,410	25,103	5,429,700**
District 12	3,055	12.7	2,190	9.1	42	13.7	507	217	2,148	923	239,900
Franklin	428	12.0	292	8.2	7	16.4	102	44	249	46	35,800
Henry	700	12.3	419	7.4	9	12.9	150	39	415	319	56,800
Patrick	186	10.6	155	8.9	2	10.8	11	12	148	50	17,500
Pittsylvania	916	13.9	545	8.2	13	14.2	104	59	473	219	66,100
Danville	582	12.7	585	12.8	7	12.0	62	53	576	205	45,800
Martinsville	243	13.6	194	10.8	4	16.5	78	10	287	84	17,900
District 13	1,109	13.5	930	11.4	15	13.5	289	129	716	318	81,900
Brunswick	223	14.1	184	11.6	3	13.5	71	18	121	39	15,800
Halifax	410	13.4	306	10.0	4	9.8	111	48	223	167	30,500
Mecklenburg	376	13.1	351	12.2	6	16.0	88	51	296	112	28,700
South Boston	100	14.5	89	12.9	2	20.0	19	12	76	*	6,900
District 14	1,072	12.9	908	10.9	17	15.9	406	93	615	300	83,300
Amelia	125	15.4	88	10.9	2	16.0	44	10	61	27	8,100
Buckingham	148	12.5	115	9.7	1	6.8	32	9	112	28	11,800
Charlotte	170	14.2	133	11.1	2	11.8	47	13	88	47	12,000
Cumberland	92	11.6	74	9.4		0.0	31	9	54	27	7,900
Lunenburg	176	14.4	151	12.4	1	5.7	60	12	90	51	12,200
Nottoway	175	12.0	179	12.3	5	28.6	74	19	106	58	14,600
Prince Edward	186	11.1	168	10.1	6	32.3	118	21	104	62	16,700
District 15	9,320	14.4	5,500	8.5	127	13.6	5,947	845	5,959	3,515	645,400
Charles City Co.	126	18.8	42	6.3	2	15.9	46	9	42	21	6,700
Chesterfield	2,320	15.5	700	4.7	21	9.1	981	164	996	860	149,900
Goochland	153	13.0	116	9.8	4	26.1	73	16	103	40	11,800
Hanover	659	12.9	376	7.4	8	12.1	304	57	418	244	51,100
Henrico	2,378	12.8	1,576	8.5	23	9.7	1,679	267	1,190	1,046	185,800
New Kent	124	13.9	55	6.2		0.0	43	12	79	48	8,900
Powhatan	146	11.1	79	6.0		0.0	62	11	99	41	13,200
Richmond City	3,414	15.7	2,556	11.7	69	20.2	2,759	309	3,032	1,215	218,000
District 16	1,752	14.3	834	6.8	24	13.7	624	150	1,023	496	122,100
Caroline	241	13.5	174	9.7	7	29.0	101	23	128	61	17,900
King George	159	14.7	83	7.7	2	12.6	50	8	84	44	10,800
Spotsylvania	574	16.0	198	5.5	6	10.5	141	53	219	161	35,800
Stafford	592	14.0	207	4.9	5	8.4	156	42	312	164	42,300
Fredericksburg	186	12.2	172	11.2	4	21.5	176	24	280	66	15,300
District 17	531	13.0	552	13.5	2	3.8	188	27	333	132	41,000
Lancaster	134	13.3	165	16.3		0.0	51	4	94	30	10,100
Northumberland	120	12.0	132	13.2		0.0	36	6	86	36	10,000
Richmond	85	12.5	87	12.8		0.0	23	4	53	19	6,800
Westmoreland	192	13.6	168	11.9	2	10.4	78	13	100	47	14,100
District 18	808	13.2	680	11.1	8	9.9	288	51	44[illegible]	240	61,300
Essex	133	15.3	101	11.6	3	22.6	62	6	52	35	8,700
Gloucester	314	14.9	194	9.2	3	9.6	99	21	162	105	21,100
King and Queen	64	10.8	80	13.6		0.0	24	2	35	19	5,900
King William	128	13.3	87	9.1	1	7.8	53	13	71	31	9,600
Mathews	90	11.1	124	15.3		0.0	25	3	52	24	8,100
Middlesex	79	10.0	94	11.9	1	12.7	25	6	70	26	7,900
District 19	2,321	14.3	1,437	8.8	39	16.8	1,278	239	1,880	728	162,500
Dinwiddie	237	10.5	175	7.8	2	8.4	94	29	138	65	22,500
Greensville	152	13.7	87	7.8	4	26.3	59	19	34	67	11,100
Prince George	360	13.5	98	3.7	5	13.9	160	35	244	81	26,700
Surry	95	15.8	59	9.8	1	10.5	28	1	49	13	6,000
Sussex	142	13.4	109	10.3	4	28.2	72	14	65	31	10,600
Colonial Heights	201	12.1	152	9.2	3	14.9	140	16	207	104	16,600
Emporia	74	14.5	72	14.1	1	13.5	18	8	336	*	5,100
Hopewell	399	16.8	222	9.3	3	7.5	189	37	207	153	23,800
Petersburg	661	16.5	463	11.5	16	24.2	518	80	600	214	40,100
District 20	15,013	17.5	6,296	7.3	243	16.2	5,830	1,259	9,046	4,341	856,900
Isle of Wight	293	13.2	195	8.8	3	10.2	75	21	149	56	22,200
Southampton	220	12.1	173	9.5	2	9.1	42	25	151	100	18,200
Chesapeake	1,967	16.8	826	7.0	32	16.3	665	152	896	560	117,300
Franklin City	118	15.9	81	10.9	2	16.9	44	13	87	*	7,400
Norfolk	5,090	19.0	2,230	8.3	85	16.7	2,069	523	3,347	1,338	267,400
Portsmouth	1,957	18.8	985	9.5	41	21.0	654	123	1,038	547	104,100
Suffolk	723	15.3	513	10.8	25	34.6	230	65	379	168	47,400
Virginia Beach	4,645	17.0	1,293	4.7	53	11.4	2,051	337	2,999	1,572	272,900
District 21	5,873	16.8	2,414	6.9	89	15.2	2,674	308	3,777	1,849	349,700
James City Co.	318	13.5	138	5.8	5	15.7	35	23	91	121	23,600
York	310	8.4	199	5.4	5	16.1	119	12	233	194	36,800
Hampton	2,039	16.5	857	6.9	38	18.6	994	136	1,150	570	123,700
Newport News	2,960	20.2	1,099	7.5	35	11.8	1,243	112	1,819	921	146,300
Poquoson	117	12.9	44	4.8	3	25.6	43	3	53	*	9,100
Williamsburg	129	12.6	77	7.5	3	23.3	240	22	431	43	10,200
District 22	616	13.5	600	13.2	10	16.2	137	71	299	168	45,500
Accomack	429	13.9	394	12.8	8	18.6	92	46	183	101	30,800
Northampton	187	12.7	206	14.0	2	10.7	45	25	116	67	14,700
Unknown	4						24	10	82		
Out-of-state									22		

*Included in adjoining county.

**Due to rounding, the sum of the areas is not equal to the State total.

TABLE 2 - ESTIMATED POPULATION FOR JULY 1, 1981, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA

Planning District/ City or County	Total	White	Nonwhite
STATE OF VIRGINIA	5,429,700*	4,295,733	1,133,967
District 1	100,300	98,652	1,648
Lee	26,400	26,245	155
Scott	25,200	25,018	182
Wise	44,100	43,067	1,033
Norton	4,600	4,322	278
District 2	141,500	139,320	2,180
Buchanan	38,200	38,049	151
Dickenson	20,100	19,965	135
Russell	32,000	31,648	352
Tazewell	51,200	49,658	1,542
District 3	182,100	177,018	5,082
Bland	6,400	6,180	220
Carroll	28,200	28,051	149
Grayson	15,700	15,154	546
Smyth	33,400	32,702	698
Washington	47,700	46,744	956
Wythe	25,700	24,712	988
Bristol	18,200	17,016	1,184
Galax	6,800	6,459	341
District 4	143,300	136,411	6,889
Floyd	12,000	11,573	427
Giles	17,800	17,390	410
Montgomery	64,700	61,669	3,031
Pulaski	35,100	33,089	2,011
Radford	13,700	12,690	1,010
District 5	255,000	225,286	29,714
Alleghany	14,200	13,794	406
Botetourt	24,100	22,881	1,219
Craig	3,700	3,691	9
Roanoke	74,600	72,485	2,115
Clifton Forge	4,900	4,102	798
Covington	8,700	7,511	1,189
Roanoke City	100,800	78,012	22,788
Salem	24,000	22,810	1,190
District 6	210,200	199,478	10,722
Augusta	54,600	52,310	2,290
Bath	5,300	4,779	521
Highland	2,900	2,882	18
Rockbridge	18,200	17,573	627
Rockingham	58,300	57,215	1,085
Buena Vista	6,600	6,327	273
Harrisonburg	20,500	19,407	1,093
Lexington	6,700	5,809	891
Staunton	22,000	19,421	2,579
Waynesboro	15,100	13,755	1,345
District 7	132,700	126,644	6,056
Clarke	9,900	8,730	1,170
Frederick	34,300	33,706	594
Page	19,500	18,929	571
Shenandoah	27,500	27,045	455
Warren	21,500	20,168	1,332
Winchester	20,000	18,066	1,934
District 8	1,140,700	988,032	152,668
Arlington	153,400	126,782	26,618
Fairfax	618,700	548,656	70,044
Loudoun	58,100	52,133	5,967
Prince William	152,400	135,805	16,595
Alexandria	106,000	76,742	29,258
Fairfax City	19,500	18,202	1,298
Falls Church	9,500	8,832	668
Manassas	16,700	14,859	1,841
Manassas Park	6,400	6,021	379
District 9	93,300	76,781	16,519
Culpeper	22,500	17,739	4,761
Fauquier	36,600	30,588	6,012
Madison	10,100	8,260	1,840
Orange	18,200	14,977	3,223
Rappahannock	5,900	5,217	683
District 10	144,800	117,862	26,938
Albemarle	56,800	49,858	6,942
Fluvanna	10,300	7,243	3,057
Greene	7,600	7,000	600
Louisa	17,800	11,942	5,858
Nelson	12,300	9,334	2,966
Charlottesville	40,000	32,485	7,515
District 11	196,700	158,561	38,139
Amherst	29,100	22,908	6,192
Appomattox	11,900	9,113	2,787
Bedford	36,000	31,815	4,185
Campbell	46,200	38,968	7,232
Bedford City	6,300	5,058	1,242
Lynchburg	67,200	50,699	16,501
District 12	239,900	181,073	58,827
Franklin	35,800	31,403	4,397
Henry	56,800	43,415	13,385
Patrick	17,500	16,098	1,402
Pittsylvania	66,100	46,019	20,081
Danville	45,800	31,956	13,844
Martinsville	17,900	12,182	5,718
District 13	81,900	46,375	35,525
Brunswick	15,800	6,702	9,098
Halifax	30,500	18,237	12,263
Mecklenburg	28,700	17,079	11,621
South Boston	6,900	4,357	2,543
District 14	83,300	50,144	33,156
Amelia	8,100	4,957	3,143
Buckingham	11,800	6,777	5,023
Charlotte	12,000	7,353	4,647
Cumberland	7,900	4,477	3,423
Lunenburg	12,200	7,375	4,825
Nottoway	14,600	8,860	5,740
Prince Edward	16,700	10,345	6,355
District 15	645,400	462,398	183,002
Charles City Co.	6,700	1,399	5,301
Chesterfield	149,900	133,432	16,468
Goochland	11,800	7,480	4,320
Hanover	51,100	44,223	6,877
Henrico	185,800	155,424	30,376
New Kent	8,900	6,465	2,435
Powhatan	13,200	9,812	3,388
Richmond City	218,000	104,163	113,837
District 16	122,100	99,184	22,916
Caroline	17,900	9,915	7,985
King George	10,800	8,240	2,560
Spotsylvania	35,800	30,163	5,637
Stafford	42,300	38,794	3,506
Fredericksburg	15,300	12,072	3,228
District 17	41,000	26,640	14,360
Lancaster	10,100	6,721	3,379
Northumberland	10,000	6,620	3,380
Richmond	6,800	4,617	2,183
Westmoreland	14,100	8,682	5,418
District 18	61,300	44,301	16,999
Essex	8,700	5,127	3,573
Gloucester	21,100	17,722	3,378
King and Queen	5,900	3,116	2,784
King William	9,600	6,116	3,484
Mathews	8,100	6,637	1,463
Middlesex	7,900	5,583	2,317
District 19	162,500	94,675	67,825
Dinwiddie	22,500	12,809	9,691
Greensville	11,100	4,782	6,318
Prince George	26,700	17,603	9,097
Surry	6,000	2,247	3,753
Sussex	10,600	4,126	6,474
Colonial Heights	16,600	16,258	342
Emporia	5,100	3,028	2,072
Hopewell	23,800	18,744	5,056
Petersburg	40,100	15,078	25,022
District 20	856,900	588,203	268,697
Isle of Wight	22,200	13,003	9,197
Southampton	18,200	9,393	8,807
Chesapeake	117,300	83,366	33,934
Franklin City	7,400	3,287	4,113
Norfolk	267,400	162,556	104,844
Portsmouth	104,100	55,934	48,166
Suffolk	47,400	24,620	22,780
Virginia Beach	272,900	236,044	36,856
District 21	349,700	240,142	109,558
James City Co.	23,600	16,625	6,975
York	36,800	29,716	7,084
Hampton	123,700	79,030	44,670
Newport News	146,300	96,866	49,434
Poquoson	9,100	8,993	107
Williamsburg	10,200	8,912	1,288
District 22	45,500	26,761	18,739
Accomack	30,800	19,457	11,343
Northampton	14,700	7,304	7,396

*Due to rounding, the sum of the areas is not equal to the State total.

TABLE 3
ESTIMATED POPULATION, BIRTHS, DEATHS, MARRIAGES, AND DIVORCES WITH RATES PER 1,000 POPULATION BY RACE, VIRGINIA, 1962-1981

YEAR	RACE	ESTIMATED POPULATION	RESIDENT BIRTHS		RESIDENT DEATHS		MARRIAGES		DIVORCES (including annulments)	
			Number	Rate	Number	Rate	Number	Rate	Number	Rate
1962	Total	4,126,150	96,565	23.4	35,618	8.6	39,703	9.6	7,674	1.9
	White	3,279,210	73,150	22.3	26,366	8.0	32,793	10.0	6,075	1.9
	Nonwhite	846,940	23,415	27.6	9,252	10.9	6,910	8.2	1,599	1.9
1963	Total	4,237,473	96,854	22.9	36,904	8.7	42,085	9.9	8,101	1.9
	White	3,374,584	73,078	21.7	27,360	8.1	34,935	10.4	6,542	1.9
	Nonwhite	862,889	23,776	27.6	9,544	11.1	7,150	8.3	1,559	1.8
1964	Total	4,307,591	96,966	22.5	36,525	8.5	43,504	10.1	8,580	2.0
	White	3,435,622	73,051	21.3	27,133	7.9	36,319	10.6	7,033	2.0
	Nonwhite	871,969	23,915	27.4	9,392	10.8	7,185	8.2	1,547	1.8
1965	Total	4,425,637	89,139	20.1	37,043	8.4	45,976	10.4	8,889	2.0
	White	3,540,939	66,788	18.9	27,765	7.8	38,794	11.0	7,307	2.1
	Nonwhite	884,698	22,351	25.3	9,278	10.5	7,182	8.1	1,582	1.8
1966	Total	4,525,976	84,538	18.7	37,358	8.3	46,819	10.3	9,512	2.1
	White	3,636,309	63,747	17.5	28,098	7.7	39,487	10.9	7,841	2.2
	Nonwhite	889,667	20,791	23.4	9,260	10.4	7,332	8.2	1,671	1.9
1967	Total	4,602,091	82,775	18.0	37,191	8.1	48,653	10.6	9,682	2.1
	White	3,706,154	62,769	16.9	27,939	7.5	40,881	11.0	7,975	2.2
	Nonwhite	895,937	20,006	22.3	9,252	10.3	7,772	8.7	1,707	1.9
1968	Total	4,692,675	82,138	17.5	39,687	8.5	52,173	11.1	10,571	2.3
	White	3,780,317	63,296	16.7	29,852	7.9	44,008	11.6	8,715	2.3
	Nonwhite	912,358	18,842	20.7	9,835	10.8	8,165	8.9	1,856	2.0
1969	Total	4,781,175	83,420	17.4	39,048	8.2	52,575	11.0	11,417	2.4
	White	3,858,719	64,833	16.8	29,368	7.6	44,367	11.5	9,460	2.5
	Nonwhite	922,456	18,587	20.1	9,680	10.5	8,208	8.9	1,957	2.1
1970	Total	4,665,532	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
	White	3,772,853	66,657	17.7	29,618	7.9	44,066	11.7	9,880	2.6
	Nonwhite	892,679	19,424	21.8	9,391	10.5	7,898	8.8	1,999	2.2
1971	Total	4,714,227	82,713	17.5	39,464	8.4	52,158	11.1	13,261	2.8
	White	3,825,758	63,592	16.6	30,282	7.9	44,202	11.6	11,083	2.9
	Nonwhite	888,469	19,121	21.5	9,182	10.3	7,956	9.0	2,178	2.5
1972	Total	4,764,000	75,068	15.8	40,886	8.6	55,863	11.7	14,155	3.0
	White	3,871,370	57,440	14.8	31,392	8.1	47,232	12.2	11,741	3.0
	Nonwhite	892,630	17,628	19.7	9,494	10.6	8,631	9.7	2,414	2.7
1973	Total	4,811,000	71,665	14.9	41,103	8.5	58,431	12.1	16,078	3.3
	White	3,921,430	54,877	14.0	31,536	8.0	49,388	12.6	13,202	3.4
	Nonwhite	889,570	16,788	18.9	9,567	10.8	9,043	10.2	2,876	3.2
1974	Total	4,908,000	71,066	14.5	40,561	8.3	56,617	11.5	16,704	3.4
	White	4,015,380	54,248	13.5	31,298	7.8	47,882	11.9	13,871	3.5
	Nonwhite	892,620	16,818	18.8	9,263	10.4	8,735	9.8	2,833	3.2
1975	Total	4,966,200	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
	White	4,068,490	53,207	13.1	30,522	7.5	46,907	11.5	16,332	4.0
	Nonwhite	897,710	16,825	18.7	9,021	10.0	7,781	8.7	3,029	3.4
1976	Total	5,032,300*	69,972	13.9	40,056	8.0	56,469	11.2	21,381	4.2
	White	4,095,340	53,012	12.9	30,946	7.6	48,478	11.8	18,077	4.4
	Nonwhite	936,360	16,960	18.1	9,110	9.7	7,991	8.5	3,304	3.5
1977	Total	5,134,500*	74,246	14.5	39,744	7.7	57,778	11.3	21,459	4.2
	White	4,184,080	55,662	13.3	30,642	7.3	49,175	11.8	18,181	4.3
	Nonwhite	950,520	18,584	19.6	9,102	9.6	8,603	9.1	3,278	3.4
1978	Total	5,148,100*	73,349	14.2	40,649	7.9	58,967	11.5	22,654	4.4
	White	4,152,430	54,921	13.2	31,497	7.6	50,187	12.1	19,182	4.6
	Nonwhite	995,470	18,428	18.5	9,152	9.2	8,780	8.8	3,472	3.5
1979	Total	5,259,424	76,899	14.6	40,798	7.8	58,678	11.2	23,555	4.5
	White	4,152,277	56,736	13.7	31,749	7.6	49,775	12.0	19,678	4.7
	Nonwhite	1,107,147	20,163	18.2	9,049	8.2	8,903	8.0	3,877	3.5
1980	Total	5,346,279	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
	White	4,229,734	58,047	13.7	32,865	7.8	51,317	12.1	19,770	4.7
	Nonwhite	1,116,545	20,376	18.2	9,631	8.6	8,893	8.0	3,845	3.4
1981	Total	5,429,700	79,278	14.6	42,199	7.8	61,410	11.3	25,103	4.6
	White	4,295,733	58,820	13.7	32,954	7.7	52,061	12.1	21,154	4.9
	Nonwhite	1,133,967	20,458	18.0	9,245	8.2	9,349	8.2	3,949	3.5

*Due to rounding, the sum of the white and nonwhite is not equal to the total.

TABLE 4
RESIDENT ILLEGITIMATE BIRTHS AND IMMATURE BIRTHS WITH PERCENT OF TOTAL BIRTHS, AND DEATHS UNDER ONE YEAR AND UNDER 28 DAYS WITH RATE PER 1,000 LIVE BIRTHS BY RACE
VIRGINIA, 1962-1981

Year	Race	Illegitimate Births		Immature Births		Infant Deaths			
						Total Under One Year		Under 28 Days	
		Number	Percent	Number	Percent	Number	Rate	Number	Rate
1962	Total	8,010	8.3	8,493	8.8	2,824	29.2	2,029	21.0
	White	2,088	2.9	5,502	7.5	1,736	23.7	1,332	18.2
	Nonwhite	5,922	25.3	2,991	12.8	1,088	46.5	697	29.8
1963	Total	8,260	8.5	8,771	9.1	2,831	29.2	2,026	20.9
	White	2,324	3.2	5,600	7.7	1,758	24.1	1,333	18.2
	Nonwhite	5,936	25.0	3,171	13.3	1,073	45.1	693	29.1
1964	Total	8,638	8.9	8,716	9.0	2,691	27.8	1,948	20.1
	White	2,438	3.3	5,425	7.4	1,644	22.5	1,272	17.4
	Nonwhite	6,200	25.9	3,291	13.8	1,047	43.8	676	28.3
1965	Total	8,900	10.0	7,987	9.0	2,364	26.5	1,675	18.8
	White	2,599	3.9	5,000	7.5	1,475	22.1	1,115	16.7
	Nonwhite	6,301	28.2	2,987	13.4	889	39.8	560	25.1
1966	Total	9,176	10.9	7,581	9.0	2,129	25.2	1,560	18.5
	White	2,847	4.5	4,737	7.4	1,352	21.2	1,058	16.6
	Nonwhite	6,329	30.4	2,844	13.7	777	37.4	502	24.1
1967	Total	9,178	11.1	7,469	9.0	2,007	24.2	1,460	17.6
	White	2,907	4.6	4,710	7.5	1,254	20.0	974	15.5
	Nonwhite	6,271	31.3	2,759	13.8	753	37.6	486	24.3
1968	Total	9,397	11.4	7,221	8.8	1,885	22.9	1,405	17.1
	White	3,139	5.0	4,641	7.3	1,189	18.8	943	14.9
	Nonwhite	6,258	33.2	2,580	13.7	696	36.9	462	24.5
1969	Total	9,583	11.5	7,126	8.5	1,849	22.2	1,399	16.8
	White	3,323	5.1	4,684	7.2	1,231	19.0	963	14.9
	Nonwhite	6,260	33.7	2,442	13.1	618	33.2	436	23.5
1970	Total	10,263	11.9	7,200	8.4	1,790	20.8	1,400	16.3
	White	3,354	5.0	4,549	6.8	1,144	17.2	927	13.9
	Nonwhite	6,909	35.6	2,651	13.6	646	33.3	473	24.4
1971	Total	10,071	12.2	6,658	8.0	1,697	20.5	1,280	15.5
	White	3,004	4.7	4,284	6.7	1,126	17.7	861	13.5
	Nonwhite	7,067	37.0	2,374	12.4	571	29.9	419	21.9
1972	Total	9,806	13.1	5,956	7.9	1,524	20.3	1,161	15.5
	White	2,699	4.7	3,710	6.5	986	17.2	768	13.4
	Nonwhite	7,107	40.3	2,246	12.7	538	30.5	393	22.3
1973	Total	9,514	13.3	5,478	7.6	1,313	18.3	1,000	14.0
	White	2,707	4.9	3,471	6.3	872	15.9	686	12.5
	Nonwhite	6,807	40.5	2,007	12.0	441	26.3	314	18.7
1974	Total	9,738	13.7	5,394	7.6	1,236	17.4	947	13.3
	White	2,782	5.1	3,365	6.2	797	14.7	612	11.3
	Nonwhite	6,956	41.4	2,029	12.1	439	26.1	335	19.9
1975	Total	10,220	14.6	5,377	7.7	1,233	17.6	931	13.3
	White	3,040	5.7	3,322	6.2	802	15.1	600	11.3
	Nonwhite	7,180	42.7	2,055	12.2	431	25.6	331	19.7
1976	Total	10,703	15.3	5,274	7.5	1,143	16.3	838	12.0
	White	3,334	6.3	3,207	6.0	699	13.2	518	9.8
	Nonwhite	7,369	43.4	2,067	12.2	444	26.2	320	18.9
1977	Total	12,125	16.3	5,451	7.3	1,167	15.7	834	11.2
	White	3,742	6.7	3,287	5.9	724	13.0	511	9.2
	Nonwhite	8,383	45.1	2,164	11.6	443	23.8	323	17.4
1978	Total	12,546	17.1	5,399	7.4	989	13.5	692	9.4
	White	3,953	7.2	3,247	5.9	611	11.1	422	7.7
	Nonwhite	8,593	46.6	2,152	11.7	378	20.5	270	14.7
1979	Total	14,246	18.5	5,814	7.6	1,135	14.8	835	10.9
	White	4,417	7.8	3,461	6.1	712	12.5	530	9.3
	Nonwhite	9,829	48.7	2,353	11.7	423	21.0	305	15.1
1980	Total	14,995	19.1	5,916	7.5	1,075	13.7	779	9.9
	White	4,950	8.5	3,404	5.9	686	11.8	488	8.4
	Nonwhite	10,045	49.3	2,512	12.3	389	19.1	291	14.3
1981	Total	15,353	19.4	5,851	7.4	1,000	12.6	724	9.1
	White	5,174	8.8	3,444	5.9	624	10.6	443	7.5
	Nonwhite	10,179	49.8	2,407	11.8	376	18.4	281	13.7

TABLE 5
RESIDENT TOTAL PREGANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS WITH RATES PER 1,000 FEMALES AGED 15-44 BY RACE
VIRGINIA, 1962-1981

Year	Race	Total Pregnancy Terminations		Live Births		All Fetal Deaths					
						Total		Induced Abortions*		Natural Fetal Deaths*	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1962	Total	104,075	119.5	96,565	110.8	7,510	8.6				
	White	79,024	112.8	73,150	104.4	5,874	8.4				
	Nonwhite	25,051	146.9	23,415	137.3	1,636	9.6				
1963	Total	104,363	117.4	96,854	109.0	7,509	8.4				
	White	78,915	110.2	73,078	102.0	5,837	8.2				
	Nonwhite	25,448	147.4	23,776	137.7	1,672	9.7				
1964	Total	104,160	114.9	96,966	107.0	7,194	7.9				
	White	78,645	107.5	73,051	99.8	5,594	7.6				
	Nonwhite	25,515	146.0	23,915	136.9	1,600	9.2				
1965	Total	95,855	103.7	89,139	96.5	6,716	7.3				
	White	72,025	96.4	66,788	89.4	5,237	7.0				
	Nonwhite	23,830	134.8	22,351	126.4	1,479	8.4				
1966	Total	90,957	96.6	84,538	89.8	6,419	6.8				
	White	68,682	90.0	63,747	83.6	4,935	6.5				
	Nonwhite	22,275	124.5	20,791	116.2	1,484	8.3				
1967	Total	88,604	92.4	82,775	86.3	5,829	6.1				
	White	67,248	86.4	62,769	80.6	4,479	5.8				
	Nonwhite	21,356	118.0	20,006	110.5	1,350	7.5				
1968	Total	88,178	90.2	82,138	84.1	6,040	6.2				
	White	67,975	85.6	63,296	79.7	4,679	5.9				
	Nonwhite	20,203	110.3	18,842	102.9	1,361	7.4				
1969	Total	89,801	90.3	83,420	83.9	6,381	6.4				
	White	69,865	86.3	64,833	80.1	5,032	6.2				
	Nonwhite	19,936	107.6	18,587	100.3	1,349	7.3				
1970	Total	94,554	93.4	86,081	85.0	8,473	8.4	1,633	1.6	6,840	6.8
	White	73,388	89.0	66,657	80.8	6,731	8.2	1,428	1.7	5,303	6.4
	Nonwhite	21,166	113.0	19,424	103.7	1,742	9.3	205	1.1	1,537	8.2
1971	Total	92,573	88.8	82,713	79.4	9,860	9.5	3,764	3.6	6,096	5.8
	White	70,720	83.1	63,592	74.	7,128	8.4	2,528	3.0	4,600	5.4
	Nonwhite	21,853	114.3	19,121	100.0	2,732	14.3	1,236	6.5	1,496	7.8
1972	Total	85,547	79.8	75,068	70.0	10,479	9.8	4,564	4.3	5,915	5.5
	White	64,193	73.2	57,440	65.5	6,753	7.7	2,371	2.7	4,382	5.0
	Nonwhite	21,354	109.4	17,628	90.3	3,726	19.1	2,193	11.2	1,533	7.9
1973	Total	84,373	76.6	71,665	65.0	12,708	11.5	7,136	6.5	5,572	5.1
	White	63,093	69.9	54,877	60.8	8,216	9.1	4,068	4.5	4,148	4.6
	Nonwhite	21,280	106.9	16,788	84.3	4,492	22.6	3,068	15.4	1,424	7.2
1974	Total	90,257	79.7	71,066	62.8	19,191	17.0	13,594	12.0	5,597	4.9
	White	66,896	72.0	54,248	58.4	12,648	13.6	8,437	9.1	4,211	4.5
	Nonwhite	23,361	115.1	16,818	82.9	6,543	32.2	5,157	25.4	1,386	6.8
1975	Total	92,915	80.0	70,032	60.3	22,883	19.7	17,066	14.7	5,817	5.0
	White	67,815	71.0	53,207	55.7	14,608	15.3	10,365	10.9	4,243	4.4
	Nonwhite	25,100	121.3	16,825	81.3	8,275	40.0	6,701	32.4	1,574	7.6
1976	Total	97,604	82.3	69,972	59.0	27,632	23.3	21,563	18.2	6,069	5.1
	White	70,602	72.6	53,012	54.5	17,590	18.1	13,201	13.6	4,389	4.5
	Nonwhite	27,002	126.9	16,960	79.7	10,042	47.2	8,362	39.3	1,680	7.9
1977	Total	105,831	87.2	74,246	61.2	31,585	26.0	25,399	20.9	6,186	5.1
	White	76,298	76.5	55,662	55.8	20,636	20.7	16,170	16.2	4,466	4.5
	Nonwhite	29,533	136.2	18,584	85.7	10,949	50.5	9,229	42.6	1,720	7.9
1978	Total	107,972	86.4	73,349	58.7	34,623	27.7	28,492	22.8	6,131	4.9
	White	78,953	78.5	54,921	54.6	24,032	23.9	19,642	19.5	4,390	4.4
	Nonwhite	29,019	119.5	18,428	75.9	10,591	43.6	8,850	36.4	1,741	7.2
1979	Total	112,559	88.2	76,899	60.2	35,660	27.9	29,455	23.1	6,205	4.9
	White	81,609	79.6	56,736	55.2	24,873	24.3	20,453	20.0	4,420	4.3
	Nonwhite	30,950	122.9	20,163	80.1	10,787	42.8	9,002	35.8	1,785	7.1
1980	Total	114,933	88.1	78,423	60.1	36,510	28.0	30,062	23.1	6,448	4.9
	White	83,693	80.2	58,047	55.6	25,646	24.6	21,026	20.1	4,620	4.4
	Nonwhite	31,240	119.9	20,376	78.2	10,864	41.7	9,036	34.7	1,828	7.0
1981	Total	116,075	87.7	79,278	59.9	36,797	27.8	30,166	22.8	6,631	5.0
	White	84,361	79.7	58,820	55.6	25,541	24.1	20,706	19.6	4,835	4.6
	Nonwhite	31,714	119.7	20,458	77.2	11,256	42.5	9,460	35.7	1,796	6.8

*Only total fetal deaths were reported prior to 1970 when induced abortions became legal.

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	76,239	56,215	20,024	79,278	58,820	20,458	14.6	13.7	18.0
District 1	1,169	1,143	26	1,387	1,364	23	13.8	13.8	14.0
Lee	4	4		312	311	1	11.8	11.8	6.5
Scott	2	2		281	278	3	11.2	11.1	16.5
Wise	959	937	22	745	729	16	16.9	16.9	15.5
Norton	204	200	4	49	46	3	10.7	10.6	10.8
District 2	1,445	1,437	8	2,002	1,965	37	14.1	14.1	17.0
Buchanan	324	324		526	526		13.8	13.8	0.0
Dickenson	4	4		275	271	4	13.7	13.6	29.6
Russell	205	203	2	419	416	3	13.1	13.1	8.5
Tazewell	912	906	6	782	752	30	15.3	15.1	19.5
District 3	1,661	1,616	45	2,134	2,070	64	11.7	11.7	12.6
Bland				84	84		13.1	13.6	0.0
Carroll	4	4		311	311		11.0	11.1	0.0
Grayson	4	4		187	180	7	11.9	11.9	12.8
Smyth	426	416	10	424	412	12	12.7	12.6	17.2
Washington	481	472	9	513	502	11	10.8	10.7	11.5
Wythe	296	286	10	328	316	12	12.8	12.8	12.1
Bristol				226	212	14	12.4	12.5	11.8
Galax	450	434	16	61	53	8	9.0	8.2	23.5
District 4	1,478	1,401	77	1,604	1,519	85	11.2	11.1	12.3
Floyd	9	9		135	131	4	11.3	11.3	9.4
Giles	36	35	1	214	211	3	12.0	12.1	7.3
Montgomery	609	589	20	712	683	29	11.0	11.1	9.6
Pulaski	113	105	8	440	400	40	12.5	12.1	19.9
Radford	711	663	48	103	94	9	7.5	7.4	8.9
District 5	3,997	3,423	574	3,010	2,570	440	11.8	11.4	14.8
Alleghany	444	412	32	176	165	11	12.4	12.0	27.1
Botetourt				238	227	11	9.9	9.9	9.0
Craig	1	1		38	38		10.3	10.3	0.0
Roanoke	2	2		812	783	29	10.9	10.8	13.7
Clifton Forge				65	62	3	13.3	15.1	3.8
Covington				96	79	17	11.0	10.5	14.3
Roanoke City	2,812	2,320	492	1,335	978	357	13.2	12.5	15.7
Salem	738	688	50	250	238	12	10.4	10.4	10.1
District 6	2,818	2,677	141	2,604	2,458	146	12.4	12.3	13.6
Augusta	6	6		650	631	19	11.9	12.1	8.3
Bath	30	25	5	69	61	8	13.0	12.8	15.4
Highland				26	26		9.0	9.0	0.0
Rockbridge	2	2		237	219	18	13.0	12.5	28.7
Rockingham	9	8	1	824	812	12	14.1	14.2	11.1
Buena Vista				90	86	4	13.6	13.6	14.7
Harrisonburg	1,313	1,286	27	180	168	12	8.8	8.7	11.0
Lexington	346	319	27	42	34	8	6.3	5.9	9.0
Staunton	446	415	31	264	228	36	12.0	11.7	14.0
Waynesboro	666	616	50	222	193	29	14.7	14.0	21.6
District 7	2,125	2,043	82	1,865	1,788	77	14.1	14.1	12.7
Clarke				120	111	9	12.1	12.7	7.7
Frederick	3	3		539	533	6	15.7	15.8	10.1
Page	4	4		250	243	7	12.8	12.8	12.3
Shenandoah	370	367	3	373	369	4	13.6	13.6	8.8
Warren	228	208	20	308	285	23	14.3	14.1	17.3
Winchester	1,520	1,461	59	275	247	28	13.8	13.7	14.5
District 8	14,940	12,424	2,516	17,227	14,314	2,913	15.1	14.5	19.1
Arlington	1,381	916	465	1,987	1,555	432	13.0	12.3	16.2
Fairfax	7,892	6,787	1,105	8,796	7,469	1,327	14.2	13.6	18.9
Loudoun	707	632	75	920	839	81	15.8	16.1	13.6
Prince William	735	636	99	3,098	2,689	409	20.3	19.8	24.6
Alexandria	3,009	2,376	633	1,436	877	559	13.5	11.4	19.1
Fairfax City	6	5	1	371	335	36	19.0	18.4	27.7
Falls Church	1	1		116	107	9	12.2	12.1	13.5
Manassas	1,207	1,069	138	384	336	48	23.0	22.6	26.1
Manassas Park	2	2		119	107	12	18.6	17.8	31.7
District 9	727	605	122	1,398	1,123	275	15.0	14.6	16.6
Culpeper	216	171	45	347	263	84	15.4	14.8	17.6
Fauquier	508	432	76	572	479	93	15.6	15.7	15.5
Madison	1	1		153	122	31	15.1	14.8	16.8
Orange				259	196	63	14.2	13.1	19.5
Rappahannock	2	1	1	67	63	4	11.4	12.1	5.9
District 10	2,637	1,960	677	[illegible],064	1,597	467	14.3	13.5	17.3
Albemarle	1,365	794	571	800	694	106	14.1	13.9	15.3
Fluvanna				161	104	57	15.6	14.4	18.6
Greene	1	1		155	138	17	20.4	19.7	28.3
Louisa	2	2		249	165	84	14.0	13.8	14.3
Nelson	8	8		161	125	36	13.1	13.4	12.1
Charlottesville	1,261	1,155	106	538	371	167	13.5	11.4	22.2
District 11	2,634	1,922	712	2,509	1,895	614	12.8	12.0	16.1
Amherst	4	4		367	294	73	12.5	12.8	11.8
Appomattox	1	1		153	110	43	12.9	12.1	15.4
Bedford	4	3	1	455	390	65	12.6	12.3	15.5
Campbell	5	3	2	571	470	101	12.4	12.1	14.0
Bedford City	217	150	67	64	40	24	10.2	7.9	19.3
Lynchburg	2,403	1,761	642	899	591	308	13.4	11.7	18.7

(continued)

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	76,239	56,215	20,024	79.278	58,820	20,458	14.6	13.7	18.0
District 12	2,433	1,607	826	3,055	2,028	1,027	12.7	11.2	17.5
Franklin	201	119	82	428	351	77	12.0	11.2	17.5
Henry				700	507	193	12.3	11.7	14.4
Patrick	217	188	29	186	163	23	10.6	10.1	16.4
Pittsylvania	6	5	1	916	556	360	13.9	12.1	17.9
Danville	1,415	834	581	582	325	257	12.7	10.2	18.6
Martinsville	594	461	133	243	126	117	13.6	10.3	20.5
District 13	974	477	497	1,109	518	591	13.5	11.2	16.6
Brunswick	3		3	223	78	145	14.1	11.6	15.9
Halifax	3		3	410	196	214	13.4	10.7	17.5
Mecklenburg	219	81	138	376	197	179	13.1	11.5	15.4
South Boston	749	396	353	100	47	53	14.5	10.8	20.8
District 14	378	168	210	1,072	552	520	12.9	11.0	15.7
Amelia	1		1	125	72	53	15.4	14.5	16.9
Buckingham	4	4		148	72	76	12.5	10.6	15.1
Charlotte	5	1	4	170	101	69	14.2	13.7	14.8
Cumberland	3	1	2	92	44	48	11.6	9.8	14.0
Lunenburg	1		1	176	93	83	14.4	12.6	17.2
Nottoway				175	87	88	12.0	9.8	15.3
Prince Edward	364	162	202	186	83	103	11.1	8.0	16.2
District 15	10,815	6,816	3,999	9,320	5,995	3,325	14.4	13.0	18.2
Charles City Co.	2	1	1	126	35	91	18.8	25.0	17.2
Chesterfield	9	9		2,320	2,046	274	15.5	15.3	16.6
Goochland	1		1	153	102	51	13.0	13.6	11.8
Hanover	4	4		659	553	106	12.9	12.5	15.4
Henrico	4,393	3.753	640	2,378	1,867	511	12.8	12.0	16.8
New Kent				124	94	30	13.9	14.5	12.3
Powhatan	1	1		146	122	24	11.1	12.4	7.1
Richmond City	6,405	3,048	3,357	3,414	1,176	2,238	15.7	11.3	19.7
District 16	1,379	1,151	228	1,752	1,444	308	14.3	14.6	13.4
Caroline	3	2	1	241	145	96	13.5	14.6	12.0
King George	1		1	159	111	48	14.7	13.5	18.8
Spotsylvania	1	1		574	495	79	16.0	16.4	14.0
Stafford	4	4		592	553	39	14.0	14.3	11.1
Fredericksburg	1,370	1,144	226	186	140	46	12.2	11.6	14.3
District 17	306	176	130	531	281	250	13.0	10.5	17.4
Lancaster	305	176	129	134	71	63	13.3	10.6	18.6
Northumberland				120	64	56	12.0	9.7	16.6
Richmond	1		1	85	55	30	12.5	11.9	13.7
Westmoreland				192	91	101	13.6	10.5	18.6
District 18	14	4	10	808	601	207	13.2	13.6	12.2
Essex	8	1	7	133	77	56	15.3	15.0	15.7
Gloucester	5	3	2	314	268	46	14.9	15.1	13.6
King and Queen	1		1	64	38	26	10.8	12.2	9.3
King William				128	86	42	13.3	14.1	12.1
Mathews				90	78	12	11.1	11.8	8.2
Middlesex				79	54	25	10.0	9.7	10.8
District 19	2,116	1,076	1,040	2,321	1,170	1,151	14.3	12.4	17.0
Dinwiddie	1		1	237	133	104	10.5	10.4	10.7
Greensville				152	55	97	13.7	11.5	15.4
Prince George				360	240	120	13.5	13.6	13.2
Surry				95	35	60	15.8	15.6	16.0
Sussex				142	50	92	13.4	12.1	14.2
Colonial Heights	1	1		201	187	14	12.1	11.5	40.9
Emporia	345	59	286	74	21	53	14.5	6.9	25.6
Hopewell	470	348	122	399	283	116	16.8	15.1	22.9
Petersburg	1,299	668	631	661	166	495	16.5	11.0	19.8
District 20	15,140	9,672	5,468	15,013	9,583	5,430	17.5	16.3	20.2
Isle of Wight				293	160	133	13.2	12.3	14.5
Southampton				220	107	113	12.1	11.4	12.8
Chesapeake	10	5	5	1,967	1,241	726	16.8	14.9	21.4
Franklin City	351	167	184	118	43	75	15.9	13.1	18.2
Norfolk	6,669	3,840	2,829	5,090	2,916	2,174	19.0	17.9	20.7
Portsmouth	5,663	3,858	1,805	1,957	932	1,025	18.8	16.7	21.3
Suffolk	674	272	402	723	320	403	15.3	13.0	17.7
Virginia Beach	1,773	1,530	243	4,645	3,864	781	17.0	16.4	21.2
District 21	6,501	4,204	2,297	5,873	3,718	2,155	16.8	15.5	19.7
James City Co.				318	223	95	13.5	13.4	13.6
York	2	2		310	231	79	8.4	7.8	11.2
Hampton	2,684	1,531	1,153	2,039	1,256	783	16.5	15.9	17.5
Newport News	3,212	2,187	1,025	2,960	1,818	1,142	20.2	18.8	23.1
Poquoson				117	115	2	12.9	12.8	18.7
Williamsburg	603	484	119	129	75	54	12.6	8.4	41.9
District 22	552	213	339	616	265	351	13.5	9.9	18.7
Accomack	10	5	4	429	194	235	13.9	10.0	20.7
Northampton	542	207	335	187	71	116	12.7	9.7	15.7
Unknown				4	2	2			

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife & Other		Physician	Midwife & Other		Physician	Midwife & Other
STATE OF VIRGINIA	79,278	58,820	20,458	78,697	222	359	58,391	105	324	20,306	117	35
District 1	1,387	1,364	23	1,379	1	7	1,356	1	7	23		
Lee	312	311	1	308		4	307		4	1		
Scott	281	278	3	279		2	276		2	3		
Wise	745	729	16	743	1	1	727	1	1	16		
Norton	49	46	3	49			46			3		
District 2	2,002	1,965	37	1,989	10	3	1,952	10	3	37		
Buchanan	526	526		520	4	2	520	4	2			
Dickenson	275	271	4	270	5		266	5		4		
Russell	419	416	3	418	1		415	1		3		
Tazewell	782	752	30	781		1	751		1	30		
District 3	2,134	2,070	64	2,122	7	5	2,058	7	5	64		
Bland	84	84		84			84					
Carroll	311	311		307	2	2	307	2	2			
Grayson	187	180	7	184	3		177	3		7		
Smyth	424	412	12	422	1	1	410	1	1	12		
Washington	513	502	11	510	1	2	499	1	2	11		
Wythe	328	316	12	328			316			12		
Bristol	226	212	14	226			212			14		
Galax	61	53	8	61			53			8		
District 4	1,604	1,519	85	1,588	2	14	1,503	2	14	85		
Floyd	135	131	4	125	1	9	121	1	9	4		
Giles	214	211	3	214			211			3		
Montgomery	712	683	29	707		5	678		5	29		
Pulaski	440	400	40	439	1		399	1		40		
Radford	103	94	9	103			94			9		
District 5	3,010	2,570	440	2,998	3	9	2,560	2	8	438	1	1
Alleghany	176	165	11	176			165			11		
Botetourt	238	227	11	238			227			11		
Craig	38	38		37		1	37		1			
Roanoke	812	783	29	810	1	1	781	1	1	29		
Clifton Forge	65	62	3	65			62			3		
Covington	96	79	17	96			79			17		
Roanoke City	1,335	978	357	1,327	2	6	972	1	5	355	1	1
Salem	250	238	12	249		1	237		1	12		
District 6	2,604	2,458	146	2,586	3	15	2,441	2	15	145	1	
Augusta	650	631	19	644	1	5	625	1	5	19		
Bath	69	61	8	69			61			8		
Highland	26	26		26			26					
Rockbridge	237	219	18	235		2	217		2	18		
Rockingham	824	812	12	815	2	7	804	1	7	11	1	
Buena Vista	90	86	4	90			86			4		
Harrisonburg	180	168	12	180			168			12		
Lexington	42	34	8	42			34			8		
Staunton	264	228	36	263		1	227		1	36		
Waynesboro	222	193	29	222			193			29		
District 7	1,865	1,788	77	1,851	3	11	1,774	3	11	77		
Clarke	120	111	9	120			111			9		
Frederick	539	533	6	536		3	530		3	6		
Page	250	243	7	247	1	2	240	1	2	7		
Shenandoah	373	369	4	370		3	366		3	4		
Warren	308	285	23	304	2	2	281	2	2	23		
Winchester	275	247	28	274		1	246		1	28		
District 8	17,227	14,314	2,913	17,050	52	125	14,170	24	120	2,880	28	5
Arlington	1,987	1,555	432	1,956	14	17	1,534	4	17	422	10	
Fairfax	8,796	7,469	1,327	8,711	20	65	7,396	11	62	1,315	9	3
Loudoun	920	839	81	908	2	10	828	1	10	80	1	
Prince William	3,098	2,689	409	3,073	6	19	2,664	6	19	409		
Alexandria	1,436	877	559	1,424	6	6	873		4	551	6	2
Fairfax City	371	335	36	365	3	3	330	2	3	35	1	
Falls Church	116	107	9	115		1	106		1	9		
Manassas	384	336	48	382		2	334		2	48		
Manassas Park	119	107	12	116	1	2	105		2	11	1	
District 9	1,398	1,123	275	1,383	4	11	1,112		11	271	4	
Culpeper	347	263	84	345	1	1	262		1	83	1	
Fauquier	572	479	93	564	1	7	472		7	92	1	
Madison	153	122	31	151		2	120		2	31		
Orange	259	196	63	258	1		196			62	1	
Rappahannock	67	63	4	65	1	1	62		1	3	1	
District 10	2,064	1,597	467	2,033	8	23	1,570	5	22	463	3	1
Albemarle	800	694	106	791	2	7	686	1	7	105	1	
Fluvanna	161	104	57	160	1		104			56	1	
Greene	155	138	17	153	1	1	136	1	1	17		
Louisa	249	165	84	246	1	2	162	1	2	84		
Nelson	161	125	36	152	1	8	116	1	8	36		
Charlottesville	538	371	167	531	2	5	366	1	4	165	1	1
District 11	2,509	1,895	614	2,489	6	14	1,873	4	13	611	2	1
Amherst	367	294	73	364		3	291		3	73		
Appomattox	153	110	43	152		1	109		1	43		
Bedford	455	390	65	449	3	3	385	2	3	64	1	
Campbell	571	470	101	567	2	2	468	1	1	99	1	1
Bedford City	64	40	24	64			40			24		
Lynchburg	899	591	308	893	1	5	585	1	5	308		

(continued)

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife & Other		Physician	Midwife & Other		Physician	Midwife & Other
STATE OF VIRGINIA	79,278	58,820	20,458	78,697	222	359	58,391	105	324	20,306	117	35
District 12	3,055	2,028	1,027	3,044	4	7	2,022	1	5	1,022	3	2
Franklin	428	351	77	428			351			77		
Henry	700	507	193	699	1		507			192	1	
Patrick	186	163	23	186			163			23		
Pittsylvania	916	556	360	908	3	5	551	1	4	357	2	1
Danville	582	325	257	581		1	325			256		1
Martinsville	243	126	117	242		1	125		1	117		
District 13	1,109	518	591	1,099	5	5	518			581	5	5
Brunswick	223	78	145	220		3	78			142		3
Halifax	410	196	214	407	3		196			211	3	
Mecklenburg	376	197	179	372	2	2	197			175	2	2
South Boston	100	47	53	100			47			53		
District 14	1,072	552	520	1,051	10	11	543	4	5	508	6	6
Amelia	125	72	53	122	3		70	2		52	1	
Buckingham	148	72	76	143	1	4	68		4	75	1	
Charlotte	170	101	69	164	2	4	99	2		65		4
Cumberland	92	44	48	89	2	1	43		1	46	2	
Lunenburg	176	93	83	174	2		93			81	2	
Nottoway	175	87	88	175			87			88		
Prince Edward	186	83	103	184		2	83			101		2
District 15	9,320	5,995	3,325	9,274	20	26	5,967	5	23	3,307	15	3
Charles City Co.	126	35	91	124	1	1	34		1	90	1	
Chesterfield	2,320	2,046	274	2,311	3	6	2,037	3	6	274		
Goochland	153	102	51	152		1	102			50		1
Hanover	659	553	106	653	2	4	549		4	104	2	
Henrico	2,378	1,867	511	2,373	1	4	1,863		4	510	1	
New Kent	124	94	30	123	1		93	1		30		
Powhatan	146	122	24	144		2	120		2	24		
Richmond City	3,414	1,176	2,238	3,394	12	8	1,169	1	6	2,225	11	2
District 16	1,752	1,444	308	1,737	6	9	1,434	1	9	303	5	
Caroline	241	145	96	236	3	2	142	1	2	94	2	
King George	159	111	48	158	1		111			47	1	
Spotsylvania	574	495	79	570	2	2	493		2	77	2	
Stafford	592	553	39	588		4	549		4	39		
Fredericksburg	186	140	46	185		1	139		1	46		
District 17	531	281	250	529	1	1	281			248	1	1
Lancaster	134	71	63	134			71			63		
Northumberland	120	64	56	120			64			56		
Richmond	85	55	30	84		1	55			29		1
Westmoreland	192	91	101	191	1		91			100	1	
District 18	808	601	207	806	2		600	1		206	1	
Essex	133	77	56	132	1		77			55	1	
Gloucester	314	268	46	313	1		267	1		46		
King and Queen	64	38	26	64			38			26		
King William	128	86	42	128			86			42		
Mathews	90	78	12	90			78			12		
Middlesex	79	54	25	79			54			25		
District 19	2,321	1,170	1,151	2,311	8	2	1,166	4		1,145	4	2
Dinwiddie	237	133	104	235	2		132	1		103	1	
Greensville	152	55	97	152			55			97		
Prince George	360	240	120	360			240			120		
Surry	95	35	60	95			35			60		
Sussex	142	50	92	141		1	50			91		1
Colonial Heights	201	187	14	200	1		186	1		14		
Emporia	74	21	53	74			21			53		
Hopewell	399	283	116	395	3	1	281	2		114	1	1
Petersburg	661	166	495	659	2		166			493	2	
District 20	15,013	9,583	5,430	14,923	50	40	9,521	23	39	5,402	27	1
Isle of Wight	293	160	133	292	1		160			132	1	
Southampton	220	107	113	220			107			113		
Chesapeake	1,967	1,241	726	1,957	8	2	1,237	2	2	720	6	
Franklin City	118	43	75	118			43			75		
Norfolk	5,090	2,916	2,174	5,057	20	13	2,893	11	12	2,164	9	1
Portsmouth	1,957	932	1,025	1,943	9	5	925	2	5	1,018	7	
Suffolk	723	320	403	722		1	319		1	403		
Virginia Beach	4,645	3,864	781	4,614	12	19	3,837	8	19	777	4	
District 21	5,873	3,718	2,155	5,850	10	13	3,706	4	8	2,144	6	5
James City Co.	318	223	95	318			223			95		
York	310	231	79	307	2	1	228	2	1	79		
Hampton	2,039	1,256	783	2,031	3	5	1,253	1	2	778	2	3
Newport News	2,960	1,818	1,142	2,949	4	7	1,813		5	1,136	4	2
Poquoson	117	115	2	117			115			2		
Williamsburg	129	75	54	128	1		74	1		54		
District 22	616	265	351	601	7	8	257	2	6	344	5	2
Accomack	429	194	235	416	6	7	186	2	6	230	4	1
Northampton	187	71	116	185	1	1	71			114	1	1
Unknown	4	2	2	4			2			2		

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	15,353	5,174	10,179	19.4	8.8	49.8	5,851	3,444	2,407	7.4	5.9	11.8	660	0.8
District 1	136	125	11	9.8	9.2	47.8	105	102	3	7.6	7.5	13.0	23	1.7
Lee	29	29		9.3	9.3	0.0	22	21	1	7.1	6.8	100.0	5	1.6
Scott	22	20	2	7.8	7.2	66.7	17	17		6.0	6.1	0.0	10	3.6
Wise	77	70	7	10.3	9.6	43.8	64	62	2	8.6	8.5	12.5	6	0.8
Norton	8	6	2	16.3	13.0	66.7	2	2		4.1	4.3	0.0	2	4.1
District 2	187	175	12	9.3	8.9	32.4	156	150	6	7.8	7.6	16.2	18	0.9
Buchanan	51	51		9.7	9.7		44	44		8.4	8.4		9	1.7
Dickenson	28	28		10.2	10.3	0.0	23	21	2	8.4	7.7	50.0	3	1.1
Russell	30	30		7.2	7.2	0.0	27	26	1	6.4	6.3	33.3	2	0.5
Tazewell	78	66	12	10.0	8.8	40.0	62	59	3	7.9	7.8	10.0	4	0.5
District 3	229	202	27	10.7	9.8	42.2	135	131	4	6.3	6.3	6.3	23	1.1
Bland	1	1		1.2	1.2		2	2		2.4	2.4			
Carroll	32	32		10.3	10.3		19	19		6.1	6.1			
Grayson	17	14	3	9.1	7.8	42.9	17	17		9.1	9.4	0.0	3	1.6
Smyth	51	48	3	12.0	11.7	25.0	19	19		4.5	4.6	0.0	6	1.4
Washington	40	36	4	7.8	7.2	36.4	37	36	1	7.2	7.2	9.1	6	1.2
Wythe	45	39	6	13.7	12.3	50.0	26	26		7.9	8.2	0.0	6	1.8
Bristol	37	29	8	16.4	13.7	57.1	10	9	1	4.4	4.2	7.1	2	0.9
Galax	6	3	3	9.8	5.7	37.5	5	3	2	8.2	5.7	25.0		0.0
District 4	193	162	31	12.0	10.7	36.5	116	105	11	7.2	6.9	12.9	19	1.2
Floyd	13	13		9.6	9.9	0.0	7	7		5.2	5.3	0.0	1	0.7
Giles	18	16	2	8.4	7.6	66.7	16	15	1	7.5	7.1	33.3	6	2.8
Montgomery	66	59	7	9.3	8.6	24.1	54	51	3	7.6	7.5	10.3	11	1.5
Pulaski	79	62	17	18.0	15.5	42.5	33	28	5	7.5	7.0	12.5		0.0
Radford	17	12	5	16.5	12.8	55.6	6	4	2	5.8	4.3	22.2	1	1.0
District 5	551	285	266	18.3	11.1	60.5	210	148	62	7.0	5.8	14.1	18	0.6
Alleghany	27	18	9	15.3	10.9	81.8	12	10	2	6.8	6.1	18.2	1	0.6
Botetourt	18	14	4	7.6	6.2	36.4	12	10	2	5.0	4.4	18.2		0.0
Craig	4	4		10.5	10.5		2	2		5.3	5.3			
Roanoke	59	50	9	7.3	6.4	31.0	39	34	5	4.8	4.3	17.2	5	0.6
Clifton Forge	7	5	2	10.8	8.1	66.7	5	4	1	7.7	6.5	33.3		0.0
Covington	24	11	13	25.0	13.9	76.5	10	8	2	10.4	10.1	11.8	1	1.0
Roanoke City	391	168	223	29.3	17.2	62.5	113	64	49	8.5	6.5	13.7	8	0.6
Salem	21	15	6	8.4	6.3	50.0	17	16	1	6.8	6.7	8.3	3	1.2
District 6	329	259	70	12.6	10.5	47.9	163	151	12	6.3	6.1	8.2	32	1.2
Augusta	72	65	7	11.1	10.3	36.8	40	39	1	6.2	6.2	5.3	11	1.7
Bath	8	4	4	11.6	6.6	50.0	5	4	1	7.2	6.6	12.5	2	2.9
Highland	1	1		3.8	3.8		4	4		15.4	15.4		1	3.8
Rockbridge	28	18	10	11.8	8.2	55.6	17	15	2	7.2	6.8	11.1	1	0.4
Rockingham	85	81	4	10.3	10.0	33.3	47	47		5.7	5.8	0.0	7	0.8
Buena Vista	16	15	1	17.8	17.4	25.0	6	5	1	6.7	5.8	25.0	1	1.1
Harrisonburg	29	24	5	16.1	14.3	41.7	15	14	1	8.3	8.3	8.3	2	1.1
Lexington	7	2	5	16.7	5.9	62.5	1	1		2.4	2.9	0.0		0.0
Staunton	48	26	22	18.2	11.4	61.1	15	11	4	5.7	4.8	11.1	6	2.3
Wayneshoro	35	23	12	15.8	11.9	41.4	13	11	2	5.9	5.7	6.9	1	0.5
District 7	267	229	38	14.3	12.8	49.4	120	110	10	[illegible].4	6.2	13.0	21	1.1
Clarke	13	9	4	10.8	8.1	44.4	8	6	2	6.7	5.4	22.2	1	0.8
Frederick	64	60	4	11.9	11.3	66.7	33	33		6.1	6.2	0.0	4	0.7
Page	36	34	2	14.4	14.0	28.6	10	10		4.0	4.1	0.0	8	3.2
Shenandoah	49	48	1	13.1	13.0	25.0	33	31	2	8.8	8.4	50.0	2	0.5
Warren	52	40	12	16.9	14.0	52.2	16	14	2	5.2	4.9	8.7	1	0.3
Winchester	53	38	15	19.3	15.4	53.6	20	16	4	7.3	6.5	14.3	5	1.8
District 8	2,146	1,184	962	12.5	8.3	33.0	1,080	774	306	6.3	5.4	10.5	141	0.8
Arlington	299	162	137	15.0	10.4	31.7	141	98	43	7.1	6.3	10.0	12	0.6
Fairfax	844	517	327	9.6	6.9	24.6	522	392	130	5.9	5.2	9.8	78	0.9
Loudoun	93	54	39	10.1	6.4	48.1	51	39	12	5.5	4.6	14.8	9	1.0
Prince William	394	271	123	12.7	10.1	30.1	178	144	34	5.7	5.4	8.3	22	0.7
Alexandria	402	98	304	28.0	11.2	54.4	127	52	75	8.8	5.9	13.4	12	0.8
Fairfax City	35	26	9	9.4	7.8	25.0	21	18	3	5.7	5.4	8.3	1	0.3
Falls Church	7	5	2	6.0	4.7	22.2	8	6	2	6.9	5.6	22.2	3	2.6
Manassas	52	36	16	13.5	10.7	33.3	23	18	5	6.0	5.4	10.4	2	0.5
Manassas Park	20	15	5	16.8	14.0	41.7	9	7	2	7.6	6.5	16.7	2	1.7
District 9	250	104	146	17.9	9.3	53.1	90	68	22	6.4	6.1	8.0	18	1.3
Culpeper	87	37	50	25.1	14.1	59.5	18	13	5	5.2	4.9	6.0	4	1.2
Fauquier	80	41	39	14.0	8.6	41.9	38	31	7	6.6	6.5	7.5	7	1.2
Madison	24	4	20	15.7	3.3	64.5	13	10	3	8.5	8.2	9.7	2	1.3
Orange	50	16	34	19.3	8.2	54.0	16	10	6	6.2	5.1	9.5	4	1.5
Rappahannock	9	6	3	13.4	9.5	75.0	5	4	1	7.5	6.3	25.0	1	1.5
District 10	410	146	264	19.9	9.1	56.5	130	90	40	6.3	5.6	8.6	25	1.2
Albemarle	104	58	46	13.0	8.4	43.4	50	36	14	6.3	5.2	13.2	9	1.1
Fluvanna	34	4	30	21.1	3.8	52.6	6	5	1	3.7	4.8	1.8	4	2.5
Greene	29	17	12	18.7	12.3	70.6	7	7		4.5	5.1	0.0	2	1.3
Louisa	58	16	42	23.3	9.7	50.0	27	19	8	10.8	11.5	9.5	4	1.6
Nelson	31	12	19	19.3	9.6	52.8	11	6	5	6.8	4.8	13.9	2	1.2
Charlottesville	154	39	115	28.6	10.5	68.9	29	17	12	5.4	4.6	7.2	4	0.7
District 11	478	146	332	19.1	7.7	54.1	161	94	67	5.4	5.0	10.9	22	0.9
Amherst	55	23	32	15.0	7.8	43.8	24	15	9	5.5	5.1	12.3	3	0.8
Appomattox	31	7	24	20.3	6.4	55.8	13	5	8	8.5	4.5	18.6	1	0.7
Bedford	55	25	30	12.1	6.4	46.2	20	18	2	4.4	4.6	3.1	6	1.3
Campbell	69	29	40	12.1	6.2	39.6	37	29	8	6.5	6.2	7.9	7	1.2
Bedford City	21	6	15	32.8	15.0	62.5	3	1	2	4.7	2.5	8.3		0.0
Lynchburg	247	56	191	27.5	9.5	62.0	64	26	38	7.1	4.4	12.3	5	0.5

(continued)

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	15,353	5,174	10,179	19.4	8.8	49.8	5,851	3,444	2,407	7.4	5.9	11.8	660	0.8
District 12	664	168	496	21.7	8.3	48.3	250	126	124	8.2	6.2	12.1	28	0.9
Franklin	60	26	34	14.0	7.4	44.2	28	18	10	6.5	5.1	13.0	5	1.2
Henry	154	50	104	22.0	9.9	53.9	62	37	25	8.9	7.3	13.0	9	1.3
Patrick	22	14	8	11.8	8.6	34.8	11	8	3	5.9	4.9	13.0	1	0.5
Pittsylvania	186	30	156	20.3	5.4	43.3	78	35	43	8.5	6.3	11.9	7	0.8
Danville	164	32	132	28.2	9.8	51.4	48	21	27	8.2	6.5	10.5	4	0.7
Martinsville	78	16	62	32.1	12.7	53.0	23	7	16	9.5	5.6	13.7	2	0.8
District 13	280	33	247	25.2	6.4	41.8	97	40	57	8.7	7.7	9.6	19	1.7
Brunswick	80	6	74	35.9	7.7	51.0	24	10	14	10.8	12.8	9.7	3	1.3
Halifax	74	6	68	18.0	3.1	31.8	32	11	21	7.8	5.6	9.8	8	2.0
Mecklenburg	103	18	85	27.4	9.1	47.5	31	12	19	8.2	6.1	10.6	6	1.6
South Boston	23	3	20	23.0	6.4	37.7	10	7	3	10.0	14.9	5.7	2	2.0
District 14	299	25	274	27.9	4.5	52.7	102	29	73	9.5	5.3	14.0	12	1.1
Amelia	20	1	19	16.0	1.4	35.8	14	4	10	11.2	5.6	18.9		0.0
Buckingham	49	4	45	33.1	5.6	59.2	9	2	7	6.1	2.8	9.2	2	1.4
Charlotte	42	3	39	24.7	3.0	56.5	17	7	10	10.0	6.9	14.5	2	1.2
Cumberland	27	5	22	29.3	11.4	45.8	14	4	10	15.2	9.1	20.8	2	2.2
Lunenburg	37	3	34	21.0	3.2	41.0	16	4	12	9.1	4.3	14.5	2	1.1
Nottoway	57	6	51	32.6	6.9	58.0	16	6	10	9.1	6.9	11.4	3	1.7
Prince Edward	67	3	64	36.0	3.6	62.1	16	2	14	8.6	2.4	13.6	1	0.5
District 15	2,224	414	1,810	23.9	6.9	54.4	713	314	399	7.7	5.2	12.0	57	0.6
Charles City Co.	55	2	53	43.7	5.7	58.2	10	2	8	7.9	5.7	8.8	2	1.6
Chesterfield	180	115	65	7.8	5.6	23.7	127	95	32	5.5	4.6	11.7	10	0.4
Goochland	29	6	23	19.0	5.9	45.1	12	5	7	7.8	4.9	13.7		0.0
Hanover	79	32	47	12.0	5.8	44.3	44	34	10	6.7	6.1	9.4	3	0.5
Henrico	267	115	152	11.2	6.2	29.7	159	101	58	6.7	5.4	11.4	20	0.8
New Kent	15	5	10	12.1	5.3	33.3	6	4	2	4.8	4.3	6.7	1	0.8
Powhatan	13	4	9	8.9	3.3	37.5	9	6	3	6.2	4.9	12.5	1	0.7
Richmond City	1,586	135	1,451	46.5	11.5	64.8	346	67	279	10.1	5.7	12.5	20	0.6
District 16	281	136	145	16.0	9.4	47.1	98	65	33	5.6	4.5	10.7	5	0.3
Caroline	57	11	46	23.7	7.6	47.9	20	7	13	8.3	4.8	13.5	2	0.8
King George	38	11	27	23.9	9.9	56.3	13	7	6	8.2	6.3	12.5	1	0.6
Spotsylvania	69	41	28	12.0	8.3	35.4	29	21	8	5.1	4.2	10.1	2	0.3
Stafford	71	55	16	12.0	9.9	41.0	26	22	4	4.4	4.0	10.3		0.0
Fredericksburg	46	18	28	24.7	12.9	60.9	10	8	2	5.4	5.7	4.3		0.0
District 17	178	23	155	33.5	8.2	62.0	38	13	25	7.2	4.6	10.0	4	0.8
Lancaster	38		38	28.4	0.0	60.3	8		8	6.0	0.0	12.7	2	1.5
Northumberland	42	4	38	35.0	6.3	67.9	7	4	3	5.8	6.3	5.4	1	0.8
Richmond	24	4	20	28.2	7.3	66.7	5	3	2	5.9	5.5	6.7	1	1.2
Westmoreland	74	15	59	38.5	16.5	58.4	18	6	12	9.4	6.6	11.9		0.0
District 18	135	32	103	16.7	5.3	49.8	58	32	26	7.2	5.3	12.6	6	0.7
Essex	24	2	22	18.0	2.6	39.3	8	3	5	6.0	3.9	8.9		0.0
Gloucester	44	18	26	14.0	6.7	56.5	26	16	10	8.3	6.0	21.7	1	0.3
King and Queen	17	1	16	26.6	2.6	61.5	6	2	4	9.4	5.3	15.4	1	1.6
King William	23	2	21	18.0	2.3	50.0	12	8	4	9.4	9.3	9.5	2	1.6
Mathews	16	8	8	17.8	10.3	66.7	2	1	1	2.2	1.3	8.3	2	2.2
Middlesex	11	1	10	13.9	1.9	40.0	4	2	2	5.1	3.7	8.0		0.0
District 19	726	99	627	31.3	8.5	54.5	133	55	138	8.3	4.7	12.0	20	0.9
Dinwiddie	68	6	62	28.7	4.5	59.6	19	6	13	8.0	4.5	12.5	1	0.4
Greensville	58	3	55	38.2	5.5	56.7	16	2	14	10.5	3.6	14.4	1	0.7
Prince George	47	16	31	13.1	6.7	25.8	14	8	6	3.9	3.3	5.0	3	0.8
Surry	34	5	29	35.8	14.3	48.3	3	2	1	3.2	5.7	1.7		0.0
Sussex	60	3	57	42.3	6.0	62.0	12	2	10	8.5	4.0	10.9	2	1.4
Colonial Heights	19	14	5	9.5	7.5	35.7	5	5		2.5	2.7	0.0	1	0.5
Emporia	34	3	31	45.9	14.3	58.5	10	1	9	13.5	4.8	17.0		0.0
Hopewell	94	25	69	23.6	8.8	59.5	31	14	17	7.8	4.9	14.7	6	1.5
Petersburg	312	24	288	47.2	14.5	58.2	83	15	68	12.6	9.0	13.7	6	0.9
District 20	3,793	886	2,907	25.3	9.2	53.5	1,273	592	681	8.5	6.2	12.5	96	0.6
Isle of Wight	85	7	78	29.0	4.4	58.6	19	1	18	6.5	0.6	13.5	2	0.7
Southampton	71	7	64	32.3	6.5	56.6	16	6	10	7.3	5.6	8.8	1	0.5
Chesapeake	477	102	375	24.3	8.2	51.7	174	73	101	8.8	5.9	13.9	10	0.5
Franklin City	45	1	44	38.1	2.3	58.7	16	3	13	13.6	7.0	17.3	1	0.8
Norfolk	1,555	348	1,207	30.6	11.9	55.5	502	217	285	9.9	7.4	13.1	25	0.5
Portsmouth	721	101	620	36.8	10.8	60.5	177	56	121	9.0	6.0	11.8	21	1.1
Suffolk	261	10	251	36.1	3.1	62.3	69	18	51	9.5	5.6	12.7	13	1.8
Virginia Beach	578	310	268	12.4	8.0	34.3	300	218	82	6.5	5.6	10.5	23	0.5
District 21	1,334	315	1,019	22.7	8.5	47.3	496	236	260	8.4	6.3	12.1	45	0.8
James City Co.	68	9	59	21.4	4.0	52.1	21	7	14	6.6	3.1	14.7	1	0.3
York	61	24	37	19.7	10.4	46.8	30	18	12	9.7	7.8	15.2	2	0.6
Hampton	445	118	327	21.8	9.4	41.8	155	67	88	7.6	5.3	11.2	14	0.7
Newport News	707	150	557	23.9	8.3	48.8	261	127	134	8.8	7.0	11.7	26	0.9
Poquoson	6	6		5.1	5.2	0.0	9	9		7.7	7.8	0.0	1	0.9
Williamsburg	47	8	39	36.4	10.7	72.2	20	8	12	15.5	10.7	22.2	1	0.8
District 22	259	24	235	42.0	9.1	67.0	67	19	48	10.9	7.2	13.7	8	1.3
Accomack	176	17	159	41.0	8.8	67.7	43	11	32	10.0	5.7	13.6	4	0.9
Northampton	83	7	76	44.4	9.9	65.5	24	8	16	12.8	11.3	13.8	4	2.1
Unknown	4	2	2	100.0	100.0	100.0				0.0	0.0	0.0		0.0

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,199	2,537	699	121	7	4
District 1	Total	1,387	5	310	541	335	145	42	8		1
	White	1,364	5	305	529	330	145	41	8		1
	Nonwhite	23		5	12	5		1			
Lee	Total	312	2	70	120	78	31	9	1		1
	White	311	2	69	120	78	31	9	1		1
	Nonwhite	1		1							
Scott	Total	281		60	99	78	33	10	1		
	White	278		59	99	77	33	9	1		
	Nonwhite	3		1		1		1			
Wise	Total	745	3	167	301	170	77	23	4		
	White	729	3	165	291	166	77	23	4		
	Nonwhite	16		2	10	4					
Norton	Total	49		13	21	9	4		2		
	White	46		12	19	9	4		2		
	Nonwhite	3		1	2						
District 2	Total	2,002	2	449	750	501	224	61	12	3	
	White	1,965	2	442	738	488	219	61	12	3	
	Nonwhite	37		7	12	13	5				
Buchanan	Total	526	2	139	190	111	63	16	4	1	
	White	526	2	139	190	111	63	16	4	1	
	Nonwhite										
Dickenson	Total	275		58	107	66	31	9	4		
	White	271		58	107	64	29	9	4		
	Nonwhite	4				2	2				
Russell	Total	419		91	157	111	44	13	3		
	White	416		91	156	110	43	13	3		
	Nonwhite	3			1	1	1				
Tazewell	Total	782		161	296	213	86	23	1	2	
	White	752		154	285	203	84	23	1	2	
	Nonwhite	30		7	11	10	2				
District 3	Total	2,134	2	394	793	579	281	67	17		1
	White	2,070	2	382	768	563	272	66	16		1
	Nonwhite	64		12	25	16	9	1	1		
Bland	Total	84		11	33	24	11	4	1		
	White	84		11	33	24	11	4	1		
	Nonwhite										
Carroll	Total	311	1	54	123	86	39	7	1		
	White	311	1	54	123	86	39	7	1		
	Nonwhite										
Grayson	Total	187		30	80	44	25	7	1		
	White	180		28	78	41	25	7	1		
	Nonwhite	7		2	2	3					
Smyth	Total	424		77	158	111	55	14	9		
	White	412		77	155	108	51	13	8		
	Nonwhite	12			3	3	4	1	1		
Washington	Total	513		88	190	143	67	22	2		1
	White	502		86	182	142	67	22	2		1
	Nonwhite	11		2	8	1					
Wythe	Total	328	1	74	107	92	42	10	2		
	White	316	1	72	104	86	41	10	2		
	Nonwhite	12		2	3	6	1				
Bristol	Total	226		43	88	63	29	2	1		
	White	212		40	81	62	26	2	1		
	Nonwhite	14		3	7	1	3				
Galax	Total	61		17	14	16	13	1			
	White	53		14	12	14	12	1			
	Nonwhite	8		3	2	2	1				
District 4	Total	1,604	5	264	524	515	237	54	5		
	White	1,519	4	252	491	490	224	53	5		
	Nonwhite	85	1	12	33	25	13	1			
Floyd	Total	135		25	41	41	23	5			
	White	131		22	41	40	23	5			
	Nonwhite	4		3		1					
Giles	Total	214		56	60	64	24	8	2		
	White	211		55	59	64	23	8	2		
	Nonwhite	3		1	1		1				
Montgomery	Total	712	2	87	234	256	108	24	1		
	White	683	1	86	227	241	104	23	1		
	Nonwhite	29	1	1	7	15	4	1			
Pulaski	Total	440	3	80	157	121	65	13	1		
	White	400	3	75	136	112	60	13	1		
	Nonwhite	40		5	21	9	5				
Radford	Total	103		16	32	33	17	4	1		
	White	94		14	28	33	14	4	1		
	Nonwhite	9		2	4		3				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,199	2,537	699	121	7	4
District 5	Total	3,010	11	410	941	986	535	107	15	4	1
	White	2,570	7	312	778	878	480	98	14	3	
	Nonwhite	440	4	98	163	108	55	9	1	1	1
Alleghany	Total	176	2	31	61	54	20	5	3		
	White	165	1	30	57	49	20	5	3		
	Nonwhite	11	1	1	4	5					
Botetourt	Total	238	1	28	69	81	50	9			
	White	227	1	26	66	78	47	9			
	Nonwhite	11		2	3	3	3				
Craig	Total	38		3	18	11	5	1			
	White	38		3	18	11	5	1			
	Nonwhite										
Roanoke	Total	812	2	65	190	307	205	39	3	1	
	White	783	2	60	182	299	198	38	3	1	
	Nonwhite	29		5	8	8	7	1			
Clifton Forge	Total	65		9	21	26	6	2	1		
	White	62		8	20	25	6	2	1		
	Nonwhite	3		1	1	1					
Covington	Total	96		19	37	24	15		1		
	White	79		16	32	21	9		1		
	Nonwhite	17		3	5	3	6				
Roanoke City	Total	1,335	6	227	470	387	189	46	6	3	1
	White	978	3	142	331	305	152	38	5	2	
	Nonwhite	357	3	85	139	82	37	8	1	1	1
Salem	Total	250		28	75	96	45	5	1		
	White	238		27	72	90	43	5	1		
	Nonwhite	12		1	3	6	2				
District 6	Total	2,604	6	367	829	861	425	101	15		
	White	2,458	5	341	781	816	406	95	14		
	Nonwhite	146	1	26	48	45	19	6	1		
Augusta	Total	650	1	86	209	222	103	25	4		
	White	631	1	84	204	214	99	25	4		
	Nonwhite	19		2	5	8	4				
Bath	Total	69		12	23	21	7	4	2		
	White	61		9	22	20	6	3	1		
	Nonwhite	8		3	1	1	1	1	1		
Highland	Total	26		4	7	6	7	2			
	White	26		4	7	6	7	2			
	Nonwhite										
Rockbridge	Total	237	2	34	62	77	47	12	3		
	White	219	2	31	56	71	44	12	3		
	Nonwhite	18		3	6	6	3				
Rockingham	Total	824	2	114	272	283	125	26	2		
	White	812	2	113	264	280	125	26	2		
	Nonwhite	12		1	8	3					
Buena Vista	Total	90		19	33	25	10	3			
	White	86		19	31	24	9	3			
	Nonwhite	4			2	1	1				
Harrisonburg	Total	180		19	48	72	30	11			
	White	168		19	45	65	29	10			
	Nonwhite	12			3	7	1	1			
Lexington	Total	42		6	10	12	13		1		
	White	34		3	8	11	11		1		
	Nonwhite	8		3	2	1	2				
Staunton	Total	264	1	39	86	80	48	8	2		
	White	228		33	73	69	46	5	2		
	Nonwhite	36	1	6	13	11	2	3			
Waynesboro	Total	222		34	79	63	35	10	1		
	White	193		26	71	56	30	9	1		
	Nonwhite	29		8	8	7	5	1			
District 7	Total	1,865	8	315	623	578	272	65	4		
	White	1,788	8	292	597	565	263	60	3		
	Nonwhite	77		23	26	13	9	5	1		
Clarke	Total	120		11	35	40	25	8	1		
	White	111		9	31	39	25	6	1		
	Nonwhite	9		2	4	1		2			
Frederick	Total	539	3	85	175	171	80	24	1		
	White	533	3	85	172	170	79	23	1		
	Nonwhite	6			3	1	1	1			
Page	Total	250	3	40	89	80	29	9			
	White	243	3	37	86	80	28	9			
	Nonwhite	7					1				
Shenandoah	Total	373	1	58	122	124	56	11	1		
	White	369	1	57	120	123	56	11	1		
	Nonwhite	4		1	2	1					

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY ACE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,199	2,537	699	121	7	4
District 7 (continued)											
Warren	Total	308		61	110	93	35	9			
	White	285		54	105	87	31	8			
	Nonwhite	23		7	5	6	4	1			
Winchester	Total	275	1	60	92	70	47	4	1		
	White	247	1	50	83	66	44	3			
	Nonwhite	28		10	9	4	3	1	1		
District 8	Total	17,227	28	1,459	4,164	5,696	4,443	1,283	145	3	6
	White	14,314	9	1,048	3,320	4,826	3,879	1,103	122	2	5
	Nonwhite	2,913	19	411	844	870	564	180	23	1	1
Arlington	Total	1,987	1	154	410	661	558	181	20		2
	White	1,555		94	281	531	472	159	17		1
	Nonwhite	432	1	60	129	130	86	22	3		1
Fairfax	Total	8,796	9	570	1,866	2,955	2,557	749	85	2	3
	White	7,469	4	436	1,528	2,534	2,252	637	74	1	3
	Nonwhite	1,327	5	134	338	421	305	112	11	1	
Loudoun	Total	920	3	91	237	327	202	57	3		
	White	839	2	77	206	312	185	54	3		
	Nonwhite	81	1	14	31	15	17	3			
Prince William	Total	3,098	4	366	987	1,001	567	153	18	1	1
	White	2,689	2	298	847	384	504	137	15	1	1
	Nonwhite	409	2	68	140	117	63	16	3		
Alexandria	Total	1,436	8	171	370	434	339	102	12		
	White	877		52	185	281	270	80	9		
	Nonwhite	559	8	119	185	153	69	22	3		
Fairfax City	Total	371		27	101	130	94	17	2		
	White	335		23	95	113	87	15	2		
	Nonwhite	36		4	6	17	7	2			
Falls Church	Total	116		6	22	41	38	8	1		
	White	107		5	21	39	34	7	1		
	Nonwhite	9		1	1	2	4	1			
Manassas	Total	384	3	52	128	115	71	12	3		
	White	336	1	45	116	103	59	11	1		
	Nonwhite	48	2	7	12	12	12	1	2		
Manassas Park	Total	119		22	43	32	17	4	1		
	White	107		18	41	29	16	3			
	Nonwhite	12		4	2	3	1	1	1		
District 9	Total	1,398	6	228	443	429	219	65	7		1
	White	1,123	2	161	324	377	195	58	6		
	Nonwhite	275	4	67	119	52	24	7	1		1
Culpeper	Total	347	2	67	120	100	41	15	1		1
	White	263		43	82	89	36	12	1		
	Nonwhite	84	2	24	38	11	5	3			1
Fauquier	Total	572	1	81	172	181	101	33	3		
	White	479		61	129	164	91	31	3		
	Nonwhite	93	1	20	43	17	10	2			
Madison	Total	153	1	28	47	44	25	7	1		
	White	122	1	18	36	36	23	7	1		
	Nonwhite	31		10	11	8	2				
Orange	Total	259	2	44	80	86	41	5	1		
	White	196	1	32	54	70	35	4			
	Nonwhite	63	1	12	26	16	6	1	1		
Rappahannock	Total	67		8	24	18	11	5	1		
	White	63		7	23	18	10	4	1		
	Nonwhite	4		1	1		1	1			
District 10	Total	2,064	6	283	610	652	413	85	15		
	White	1,597	3	179	425	544	365	73	8		
	Nonwhite	467	3	104	185	108	48	12	7		
Albemarle	Total	800	2	88	216	283	169	36	6		
	White	694	2	69	175	253	157	33	5		
	Nonwhite	106		19	41	30	12	3	1		
Fluvanna	Total	161		18	59	52	26	6			
	White	104		7	34	40	18	5			
	Nonwhite	57		11	25	12	8	1			
Greene	Total	155		27	45	40	39	3	1		
	White	138		22	39	37	37	3			
	Nonwhite	17		5	6	3	2		1		
Louisa	Total	249	2	52	89	57	34	11	4		
	White	165	1	25	61	43	27	7	1		
	Nonwhite	84	1	27	28	14	7	4	3		
Nelson	Total	161		34	43	47	32	5			
	White	125		24	31	38	28	4			
	Nonwhite	36		10	12	9	4	1			
Charlottesville	Total	538	2	64	158	173	113	24	4		
	White	371		32	85	133	98	21	2		
	Nonwhite	167	2	32	73	40	15	3	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,311	2,537	699	121	7	4
District 11	Total	2,509	6	369	841	800	403	83	7		
	White	1,895	1	220	624	645	330	71	4		
	Nonwhite	614	5	149	217	155	73	12	3		
Amherst	Total	367		46	120	116	69	14	2		
	White	294		33	98	92	57	12	2		
	Nonwhite	73		13	22	24	12	2			
Appomattox	Total	153		29	55	45	20	4			
	White	110		17	39	36	14	4			
	Nonwhite	43		12	16	9	6				
Bedford	Total	455	1	56	137	169	76	14	2		
	White	390	1	39	116	155	65	12	2		
	Nonwhite	65		17	21	14	11	2			
Campbell	Total	571	2	80	207	171	88	22	1		
	White	470		61	163	150	77	19			
	Nonwhite	101	2	19	44	21	11	3	1		
Bedford City	Total	64		14	27	12	10	1			
	White	40		6	16	7	10	1			
	Nonwhite	24		8	11	5					
Lynchburg	Total	899	3	144	295	287	140	28	2		
	White	591		64	192	205	107	23			
	Nonwhite	308	3	80	103	82	33	5	2		
District 12	Total	3,055	13	563	1,039	873	428	110	28	1	
	White	2,028	5	305	655	656	317	76	13	1	
	Nonwhite	1,027	8	258	384	217	111	34	15		
Franklin	Total	428	1	77	119	136	74	18	2	1	
	White	351	1	56	97	116	62	17	1	1	
	Nonwhite	77		21	22	20	12	1	1		
Henry	Total	700	2	138	242	204	83	22	9		
	White	507	1	93	165	163	65	15	5		
	Nonwhite	193	1	45	77	41	18	7	4		
Patrick	Total	186		30	71	48	26	9	2		
	White	163		24	63	44	22	9	1		
	Nonwhite	23		6	8	4	4		1		
Pittsylvanie	Total	916	4	176	324	251	116	33	12		
	White	556	1	79	187	179	80	26	4		
	Nonwhite	360	3	97	137	72	36	7	8		
Danville	Total	582	6	96	196	168	94	19	3		
	White	325	2	39	107	107	61	7	2		
	Nonwhite	257	4	57	89	61	33	12	1		
Martinsville	Total	243		46	87	66	35	9			
	White	126		14	36	47	27	2			
	Nonwhite	117		32	51	19	8	7			
District 13	Total	1,109	7	193	378	319	150	53	9		
	White	518	1	45	189	170	91	19	3		
	Nonwhite	591	6	148	189	149	59	34	6		
Brunswick	Total	223	2	56	66	57	30	10	2		
	White	78		8	25	25	16	3	1		
	Nonwhite	145	2	48	41	32	14	7	1		
Halifax	Total	410	3	61	137	125	59	22	3		
	White	196	1	21	70	62	33	8	1		
	Nonwhite	214	2	40	67	63	26	14	2		
Mecklenburg	Total	376	2	63	139	111	42	16	3		
	White	197		16	77	68	28	7	1		
	Nonwhite	179	2	47	62	43	14	9	2		
South Boston	Total	100		13	36	26	19	5	1		
	White	47			17	15	14	1			
	Nonwhite	53		13	19	11	5	4	1		
District 14	Total	1,072	6	196	383	289	134	54	9	1	
	White	552		72	196	177	75	28	3	1	
	Nonwhite	520	6	124	187	112	59	26	6		
Amelia	Total	125		11	50	37	19	6	2		
	White	72		6	30	23	9	2	2		
	Nonwhite	53		5	20	14	10	4			
Buckingham	Total	148	2	29	58	32	21	5	1		
	White	72		14	27	20	9	2			
	Nonwhite	76	2	15	31	12	12	3	1		
Charlotte	Total	170	1	32	60	50	21	5	1		
	White	101		15	31	36	16	3			
	Nonwhite	69	1	17	29	14	5	2	1		
Cumberland	Total	92		23	27	22	11	7	1	1	
	White	44		10	12	10	6	5		1	
	Nonwhite	48		13	15	12	5	2	1		
Lunenburg	Total	176	1	30	60	47	22	13	3		
	White	93		8	32	33	12	7	1		
	Nonwhite	83	1	22	28	14	10	6	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,311	2,537	699	121	7	4
District 14 (continued)											
Nottoway	Total	175		31	68	47	19	9	1		
	White	87		12	37	25	9	4			
	Nonwhite	88		19	31	22	10	5	1		
Prince Edward	Total	186	2	40	60	54	21	9			
	White	83		7	27	30	14	5			
	Nonwhite	103	2	33	33	24	7	4			
District 15	Total	9,320	29	1,119	2,716	3,193	1,809	404	47	3	
	White	5,995	1	452	1,561	2,273	1,370	302	33	3	
	Nonwhite	3,325	28	667	1,155	920	439	102	14		
Charles City Co.	Total	126		32	34	33	20	5	2		
	White	35		4	8	10	12	1			
	Nonwhite	91		28	26	23	8	4	2		
Chesterfield	Total	2,320	1	161	573	888	575	112	9	1	
	White	2,046	1	142	499	781	510	103	9	1	
	Nonwhite	274		19	74	107	65	9			
Goochland	Total	153		23	44	53	25	7	1		
	White	102		7	29	43	19	4			
	Nonwhite	51		16	15	10	6	3	1		
Hanover	Total	659		60	173	248	148	27	3		
	White	553		37	137	213	139	24	3		
	Nonwhite	106		23	36	35	9	3			
Henrico	Total	2,378		189	677	892	483	119	17	1	
	White	1,867		125	527	734	368	98	14	1	
	Nonwhite	511		64	150	158	115	21	3		
New Kent	Total	124	1	16	37	47	19	4			
	White	94		9	26	40	16	3			
	Nonwhite	30	1	7	11	7	3	1			
Powhatan	Total	146		16	42	49	29	9	1		
	White	122		13	32	41	28	7	1		
	Nonwhite	24		3	10	8	1	2			
Richmond City	Total	3,414	27	622	1,136	983	510	121	14	1	
	White	1,176		115	303	411	278	62	6	1	
	Nonwhite	2,238	27	507	833	572	232	59	8		
District 16	Total	1,752	4	272	530	540	317	75	14		
	White	1,444	2	208	425	466	273	60	10		
	Nonwhite	308	2	64	105	74	44	15	4		
Caroline	Total	241		49	89	66	27	8	2		
	White	145		24	55	44	16	4	2		
	Nonwhite	96		25	34	22	11	4			
King George	Total	159	1	22	49	48	29	8	2		
	White	111		13	31	34	24	8	1		
	Nonwhite	48	1	9	18	14	5		1		
Spotsylvania	Total	574		74	171	179	117	28	5		
	White	495		62	145	164	98	23	3		
	Nonwhite	79		12	26	15	19	5	2		
Stafford	Total	592	2	100	158	194	112	24	2		
	White	553	2	92	145	182	108	22	2		
	Nonwhite	39		8	13	12	4	2			
Fredericksburg	Total	186	1	27	63	53	32	7	3		
	White	140		17	49	42	27	3	2		
	Nonwhite	46	1	10	14	11	5	4	1		
District 17	Total	531	2	93	175	159	78	20	3		
	White	281		25	75	115	57	7	1		
	Nonwhite	250	2	68	100	44	21	13	2		
Lancaster	Total	134		21	36	43	29	5			
	White	71		4	12	33	22				
	Nonwhite	63		17	24	10	7	5			
Northumberland	Total	120	2	19	48	31	13	6	1		
	White	64	1	4	24	24	8	3			
	Nonwhite	56	1	15	24	7	5	3	1		
Richmond	Total	85		13	26	27	15	3	1		
	White	55		5	16	19	13	1	1		
	Nonwhite	30		8	10	8	2	2			
Westmoreland	Total	192	1	40	65	58	21	6	1		
	White	91		12	23	39	14	3			
	Nonwhite	101	1	28	42	19	7	3	1		
District 18	Total	808	2	107	256	257	141	41	4		
	White	601		69	176	213	110	30	3		
	Nonwhite	207	2	38	80	44	31	11	1		
Essex	Total	133	1	22	33	36	34	6	1		
	White	77		13	17	23	22	2			
	Nonwhite	56	1	9	16	13	12	4	1		
Gloucester	Total	314	1	43	108	102	45	12	3		
	White	268		32	90	93	40	10	3		
	Nonwhite	46	1	11	18	9	5	2			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,311	2,537	699	121	7	4
District 18 (continued)											
King and Queen	Total	64		9	19	21	8	7			
	White	38		5	9	15	5	4			
	Nonwhite	26		4	10	6	3	3			
King William	Total	128		17	40	42	21	8			
	White	86		7	21	35	17	6			
	Nonwhite	42		10	19	7	4	2			
Mathews	Total	90		10	31	32	13	4			
	White	78		9	24	30	11	4			
	Nonwhite	12		1	7	2	2				
Middlesex	Total	79		6	25	24	20	4			
	White	54		3	15	17	15	4			
	Nonwhite	25		3	10	7	5				
District 19	Total	2,321	13	418	883	630	307	61	9		
	White	1,170	2	128	451	366	184	36	3		
	Nonwhite	1,151	11	290	432	264	123	25	6		
Dinwiddie	Total	237		48	80	66	33	7	3		
	White	133		19	44	40	24	5	1		
	Nonwhite	104		29	36	26	9	2	2		
Greensville	Total	152	3	32	55	38	19	3	2		
	White	55		6	20	21	8				
	Nonwhite	97	3	26	35	17	11	3	2		
Prince George	Total	360		40	130	124	47	18	1		
	White	240		21	86	87	33	12	1		
	Nonwhite	120		19	44	37	14	6			
Surry	Total	95	2	20	33	26	12	1	1		
	White	35		5	15	13	2				
	Nonwhite	60	2	15	18	13	10	1	1		
Sussex	Total	142	1	23	62	37	17	1	1		
	White	50		2	18	20	10				
	Nonwhite	92	1	21	44	17	7	1	1		
Colonial Heights	Total	201		25	71	53	42	10			
	White	187		21	66	51	40	9			
	Nonwhite	14		4	5	2	2	1			
Emporia	Total	74	1	16	30	19	6	1	1		
	White	21		1	9	10			1		
	Nonwhite	53	1	15	21	9	6	1			
Hopewell	Total	399	1	62	172	108	46	10			
	White	283	1	34	128	79	33	8			
	Nonwhite	116		28	44	29	13	2			
Petersburg	Total	661	5	152	250	159	85	10			
	White	166	1	19	65	45	34	2			
	Nonwhite	495	4	133	185	114	51	8			
District 20	Total	15,013	53	2,434	5,591	4,365	2,074	429	61	4	2
	White	9,583	10	1,136	3,566	3,033	1,501	295	40	1	1
	Nonwhite	5,430	43	1,298	2,025	1,332	573	134	21	3	1
Isle of Wight	Total	293	3	47	104	85	41	11	2		
	White	160		13	52	59	28	7	1		
	Nonwhite	133	3	34	52	26	13	4	1		
Southampton	Total	220		37	81	65	33	2	2		
	White	107		9	33	37	27	1			
	Nonwhite	113		28	48	28	6	1	2		
Chesapeake	Total	1,967	5	330	706	590	262	60	12		2
	White	1,241	1	150	451	402	192	37	7		1
	Nonwhite	726	4	180	255	188	70	23	5		1
Franklin City	Total	118		25	35	38	16	4			
	White	43		4	11	16	9	3			
	Nonwhite	75		21	24	22	7	1			
Norfolk	Total	5,090	26	951	2,128	1,315	547	110	12	1	
	White	2,916	5	446	1,283	785	327	62	7	1	
	Nonwhite	2,174	21	505	845	530	220	48	5		
Portsmouth	Total	1,957	10	413	753	514	216	44	4	3	
	White	932	1	131	362	275	137	25	1		
	Nonwhite	1,025	9	282	391	239	79	19	3	3	
Suffolk	Total	723	2	152	245	189	102	29	4		
	White	320		31	102	109	61	14	3		
	Nonwhite	403	2	121	143	80	41	15	1		
Virginia Beach	Total	4,645	7	479	1,539	1,569	857	169	25		
	White	3,864	3	352	1,272	1,350	720	146	21		
	Nonwhite	781	4	127	267	219	137	23	4		
District 21	Total	5,873	20	911	2,191	1,751	798	182	16	2	2
	White	3,718	4	470	1,356	1,192	569	116	9		2
	Nonwhite	2,155	16	441	835	559	229	66	7	2	
James City Co.	Total	318		48	96	99	61	11	3		
	White	223		25	57	79	53	8	1		
	Nonwhite	95		23	39	20	8	3	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
	White	58,820	75	6,893	18,115	19,262	11,363	2,757	330	14	11
	Nonwhite	20,458	167	4,413	7,311	5,311	2,537	699	121	7	4
District 21 (continued)											
York	Total	310		37	78	108	70	17			
	White	231		22	52	85	58	14			
	Nonwhite	79		15	26	23	12	3			
Hampton	Total	2,039	6	291	780	605	283	66	6	1	1
	White	1,256	3	157	488	398	172	34	3		1
	Nonwhite	783	3	134	292	207	111	32	3	1	
Newport News	Total	2,960	12	495	1,153	875	342	76	6		1
	White	1,818		247	699	571	248	48	4		1
	Nonwhite	1,142	12	248	454	304	94	28	2		
Poquoson	Total	117		10	35	35	26	11			
	White	115		10	34	35	25	11			
	Nonwhite	2			1		1				
Williamsburg	Total	129	2	30	49	29	16	1	1	1	
	White	75	1	9	26	24	13	1	1		
	Nonwhite	54	1	21	23	5	3			1	
District 22	Total	616	6	149	225	153	67	14	1		1
	White	265	1	47	90	79	38	9			1
	Nonwhite	351	5	102	135	74	29	5	1		
Accomack	Total	429	4	98	151	112	50	12	1		1
	White	194	1	30	66	61	26	9			
	Nonwhite	235	3	68	85	51	24	3	1		1
Northampton	Total	187	2	51	74	41	17	2			
	White	71		17	24	18	12				
	Nonwhite	116	2	34	50	23	5	2			
Unknown	Total	4	1	3							
	White	2		2							
	Nonwhite	2	1	1							

TABLE 10
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY BIRTHWEIGHT
VIRGINIA, 1981

Birthweight	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unk.
TOTAL	79,278	36,589	26,249	10,844	3,517	1,189	433	215	100	49	51	20
Immature	5,851	2,769	1,745	814	319	110	44	20	12	4	4	10
500 grams or less	131	66	34	20	5	1	1	1	1			2
501-1500 grams	914	453	258	117	58	15	3	2	2	2	1	3
1501-2500 grams	4,806	2,250	1,453	677	256	94	40	17	9	2	3	5
Full Term	73,330	33,782	24,471	10,018	3,196	1,077	388	195	88	45	47	23
2501-3500 grams	42,344	20,610	13,588	5,391	1,743	589	224	92	45	22	26	14
3501-4500 grams	29,575	12,668	10,395	4,365	1,357	452	152	97	42	19	19	9
4501 grams and over	1,411	504	488	262	96	36	12	6	1	4	2	
Unknown	97	38	33	12	2	2	1					9

TABLE 11
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT BY RACE AND AGE OF MOTHER
VIRGINIA, 1981

Age of Mother	Total	Birthweight (in grams)												
		500 or Less	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	Total Immature	2,501-3,000	3,001-3,500	3,501-4,000	4,001-4,500	4,501-5,000	Over 5,000	Total Full	Unknown
TOTAL	79,278	131	391	523	1,150	3,656	5,851	13,514	28,830	22,583	6,992	1,190	221	73,330	97
Under 15	242	1	3	4	11	25	44	64	90	36	5	2		197	1
15-19	11,306	23	94	127	236	715	1,195	2,479	4,332	2,573	615	81	14	10,094	17
20-24	25,426	47	107	174	366	1,241	1,935	4,731	9,566	6,788	2,013	309	54	23,461	30
25-29	24,461	34	103	114	305	971	1,527	3,764	8,705	7,565	2,385	415	74	22,908	26
30-34	13,900	21	63	79	167	535	865	,891	4,790	4,457	1,548	280	51	13,017	18
35-39	3,456	5	17	22	56	151	251	498	1,185	1,035	373	88	23	3,202	3
40-44	451		2	2	7	18	29	80	151	119	52	15	5	422	
45 and over	21				2		2	5	7	6	1			19	
Unknown	15		2	1			3	2	4	4				10	2
WHITE	58,820	63	210	279	677	2,215	3,444	8,546	20,892	18,559	6,066	1,058	192	55,313	63
Under 15	75		3	1	2	4	10	18	33	11	3			65	
15-19	6,893	12	51	53	107	355	578	1,246	2,583	1,899	498	74	10	6,310	5
20-24	18,115	17	55	83	214	705	1,074	2,877	6,690	5,427	1,709	275	47	17,025	16
25-29	19,262	19	59	71	193	637	979	2,586	6,691	6,430	2,117	372	67	18,263	20
30-34	11,363	13	30	53	118	391	605	1,405	3,840	3,835	1,364	252	45	10,741	17
35-39	2,757	2	10	16	35	112	175	357	936	860	333	74	19	2,579	3
40-44	330		1	1	6	11	19	53	113	89	41	11	4	311	
45 and over	14				2		2	3	4	4	1			12	
Unknown	11		1	1			2	1	2	4				7	2
NONWHITE	20,458	68	181	244	473	1,441	2,407	4,968	7,938	4,024	926	132	29	18,017	34
Under 15	167	1		3	9	21	34	46	57	25	2	2		132	1
15-19	4,413	11	43	74	129	360	617	1,233	1,749	674	117	7	4	3,784	12
20-24	7,311	30	52	91	152	536	861	1,854	2,876	1,361	304	34	7	6,436	14
25-29	5,199	15	44	43	112	334	548	1,178	2,014	1,135	268	43	7	4,645	6
30-34	2,537	8	33	26	49	144	260	486	950	622	184	28	6	2,276	1
35-39	699	3	7	6	21	39	76	141	249	175	40	14	4	623	
40-44	121		1	1	1	7	10	27	38	30	11	4	1	111	
45 and over	7							2	3	2				7	
Unknown	4		1				1	1	2					3	

TABLE 12 - RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER, BY AGE AND RACE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	79,278	36,589	26,249	10,844	3,517	1,189	433	215	100	49	51	42
Under 15 years	242	235	7									
15-19 years	11,306	8,920	2,054	289	28	4						11
20-24 years	25,426	13,481	8,565	2,590	618	128	23	7	3			11
25-29 years	24,461	9,745	9,131	3,936	1,154	348	86	35	14	2	1	9
30-34 years	13,900	3,558	5,440	3,052	1,153	418	151	75	25	9	15	4
35-39 years	3,456	585	976	888	497	230	131	67	42	22	18	
40-44 years	451	56	71	86	64	57	42	28	15	14	17	1
45 years & over	21	3	3	3	2	4		3	1	2		
Unknown	15	6	2		1							6
WHITE - Total	58,820	28,001	19,738	7,641	2,231	708	257	120	50	22	19	33
Under 15 years	75	73	2									
15-19 years	6,893	5,683	1,074	121	7	1						7
20-24 years	18,115	10,301	5,997	1,477	280	46	2	1	1			10
25-29 years	19,262	8,293	7,248	2,817	663	173	40	14	6	1		7
30-34 years	11,363	3,097	4,557	2,425	846	279	93	41	9	5	7	4
35-39 years	2,757	505	802	730	384	158	94	42	27	7	8	
40-44 years	330	42	55	69	49	47	28	20	7	8	4	1
45 years & over	14	2	2	2	1	4		2		1		
Unknown	11	5	1		1							4
NONWHITE - Total	20,458	8,588	6,511	3,203	1,286	481	176	95	50	27	32	9
Under 15 years	167	162	5									
15-19 years	4,413	3,237	980	168	21	3						4
20-24 years	7,311	3,180	2,568	1,113	338	82	21	6	2			1
25-29 years	5,199	1,452	1,883	1,119	491	175	46	21	8	1	1	2
30-34 years	2,537	461	883	627	307	139	58	34	16	4	8	
35-39 years	699	80	174	158	113	72	37	25	15	15	10	
40-44 years	121	14	16	17	15	10	14	8	8	6	13	
45 years & over	7	1	1	1	1			1	1	1		
Unknown	4	1	1									2

TABLE 13 - PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER BY AGE AND RACE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	79,278	46.2	33.1	13.7	4.4	1.5	0.5	0.3	0.1	0.1	0.1	0.1
Under 15 years	242	97.1	2.9									
15-19 years	11,306	78.9	18.2	2.6	0.2	*						0.1
20-24 years	25,426	53.0	33.7	10.2	2.4	0.5	0.1	*	*			*
25-29 years	24,461	39.8	37.3	16.1	4.7	1.4	0.4	0.1	0.1	*	*	*
30-34 years	13,900	25.6	39.1	22.0	8.3	3.0	1.1	0.5	0.2	0.1	0.1	*
35-39 years	3,456	16.9	28.2	25.7	14.4	6.7	3.8	1.9	1.2	0.6	0.5	
40-44 years	451	12.4	15.7	19.1	14.2	12.6	9.3	6.2	3.3	3.1	3.8	0.2
45 years & over	21	14.3	14.3	14.3	9.5	19.0		14.3	4.8	9.5		
Unknown	15											
WHITE - Total	58,820	47.6	33.6	13.0	3.8	1.2	0.4	0.2	0.1	*	*	0.1
Under 15 years	75	97.3	2.7									
15-19 years	6,893	82.4	15.6	1.8	0.1	*						0.1
20-24 years	18,115	56.9	33.1	8.2	1.5	0.3	*	*	*			0.1
25-29 years	19,262	43.1	37.6	14.6	3.4	0.9	0.2	0.1	*	*		*
30-34 years	11,363	27.3	40.1	21.3	7.4	2.5	0.8	0.4	0.1	*	0.1	*
35-39 years	2,757	18.3	29.1	26.5	13.9	5.7	3.4	1.5	1.0	0.3	0.3	
40-44 years	330	12.7	16.7	20.9	14.8	14.2	8.5	6.1	2.1	2.4	1.2	0.3
45 years & over	14	14.3	14.3	14.3	7.1	28.6		14.3		7.1		
Unknown	11											
NONWHITE - Total	20,458	42.0	31.8	15.7	6.3	2.4	0.9	0.5	0.2	0.1	0.2	*
Under 15 years	167	97.0	3.0									
15-19 years	4,413	73.4	22.2	3.8	0.5	0.1						0.1
20-24 years	7,311	43.5	35.1	15.2	4.6	1.1	0.3	0.1	*			*
25-29 years	5,199	27.9	36.2	21.5	9.4	3.4	0.9	0.4	0.2	*	*	*
30-34 years	2,537	18.2	34.8	24.7	12.1	5.5	2.3	1.3	0.6	0.2	0.3	
35-39 years	699	11.4	24.9	22.6	16.2	10.3	5.3	3.6	2.1	2.1	1.4	
40-44 years	121	11.6	13.2	14.0	12.4	8.3	11.6	6.6	6.6	5.0	10.7	
45 years & over	7	14.3	14.3	14.3	14.3			14.3	14.3	14.3		
Unknown	4											

*Less than 0.05 percent

TABLE 14
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY BIRTH ORDER
VIRGINIA, 1981

Birth Order	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-7	7-8	9-11	12	1-3	4+	
TOTAL	79,278	697	3,018	14,821	31,903	13,882	14,696	261
1	36,589	189	1,119	6,480	14,764	6,627	7,288	122
2	26,249	187	832	4,430	10,893	4,649	5,194	64
3	10,844	123	517	2,342	4,351	1,845	1,633	33
4	3,517	91	284	948	1,284	501	404	5
5	1,189	48	121	342	396	163	114	5
6	433	24	76	134	107	59	31	2
7	215	14	37	68	58	22	15	1
8	100	8	16	33	29	7	7	
9	49	4	8	20	7	4	5	1
10+	51	9	8	20	10	3	1	
Unknown	42			4	4	2	4	28

TABLE 15
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1981

Trimester Care Began	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	79,278	697	3,018	14,821	31,903	13,882	14,696	261
First	63,768	422	1,921	9,786	25,996	12,100	13,416	127
Second	12,016	176	812	3,943	4,715	1,389	930	51
Third	2,162	58	190	722	805	242	126	19
None	577	19	60	251	180	38	15	14
Unknown	755	22	35	119	207	113	209	50

TABLE 16
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY TRIMESTER CARE BEGAN
VIRGINIA, 1981

Trimester Care Began	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	79,278	36,589	26,249	10,844	3,517	1,189	433	215	100	49	51	42
First	63,768	29,547	21,710	8,576	2,585	815	282	140	55	21	27	10
Second	12,016	5,505	3,514	1,757	713	291	109	57	29	20	16	5
Third	2,162	950	650	316	146	46	23	11	8	6	4	2
None	577	235	143	98	48	22	12	5	5	2	4	3
Unknown	755	352	232	97	25	15	7	2	3			22

TABLE 17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1981

Trimester Care Began	Total	Age of Mother												
		Under 15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	79,278	242	566	1,272	2,087	3.200	4,181	25,426	24,461	13,900	3.456	451	21	15
First	63,768	95	302	705	1,191	1,991	2,814	19,872	21,273	12,290	2,884	330	16	5
Second	12,016	104	203	436	679	945	1,051	4,366	2,475	1,230	433	89	3	2
Third	2,162	25	43	93	144	181	218	810	393	171	67	14	2	1
None	577	12	14	23	51	54	62	205	93	35	18	9		1
Unknown	755	6	4	15	22	29	36	173	227	174	54	9		6

TABLE 18
RESIDENT BIRTHS WITH APGAR SCORE BY AGE OF MOTHER
VIRGINIA, 1981

Apgar Score	TOTAL	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	79,278	242	11,306	25,426	24,461	13,900	3,456	451	21	15
(1 minute)										
00	46		11	10	9	14	2			
01	560	4	99	175	166	81	29	6		
02	639	5	123	188	172	112	36	2		1
03	754	2	165	244	173	131	30	8	1	
04	1,017	4	209	338	274	140	44	8		
05	1,714	10	325	567	478	245	78	11		
06	2,919	17	514	974	811	466	113	23		1
07	7,197	26	1,166	2,481	2,045	1,127	309	41	2	
08	27,687	74	4,007	8,993	8,640	4,698	1,128	135	8	4
09	32,471	89	4,337	10,502	10,342	5,706	1,329	158	7	1
10	1,126	2	144	373	371	178	47	10	1	
99	3,148	9	206	581	980	1,002	311	49	2	8
(5 minutes)										
00	69	1	11	17	20	17	3			
01	209	2	46	55	64	30	11	1		
02	162	1	32	51	49	25	2			2
03	144	1	24	50	40	20	8	1		
04	174	1	39	52	33	40	7	2		
05	332	2	60	115	89	43	20	3		
06	708	3	130	216	189	131	33	6		
07	1,611	8	315	515	426	259	76	11	1	
08	6,773	34	1,104	2,229	1,966	1,088	304	44	2	2
09	48,867	137	6,814	15,703	15,136	8,601	2,189	268	12	7
10	19,268	45	2,577	6,120	6,155	3,502	757	105	6	1
99	961	7	154	303	294	144	46	10		3

TABLE 19
RESIDENT BIRTHS WITH APGAR SCORE BY RACE AND SEX
VIRGINIA, 1981

Apgar Score	Total	Race/Sex			
		White Male	White Female	Nonwhite Male	Nonwhite Female
TOTAL	79,278	30,379	28,441	10,483	9,975
(1 minute)					
00	46	15	15	7	9
01	560	182	158	114	106
02	639	227	167	136	109
03	754	252	218	142	142
04	1,017	371	304	181	161
05	1,714	625	536	294	259
06	2,919	1,091	936	478	414
07	7,197	2,645	2,448	1,095	1,009
08	27,687	10,448	10,031	3,622	3,586
09	32,471	12,738	12,034	3,977	3,722
10	1,126	502	450	96	78
99	3,148	1,283	1,144	341	380
(5 minutes)					
00	69	19	21	16	13
01	209	57	57	48	47
02	162	43	39	43	37
03	144	39	33	41	31
04	174	62	42	44	26
05	332	95	98	76	63
06	708	241	205	138	124
07	1,611	565	439	318	289
08	6,773	2,464	2,122	1,136	1,051
09	48,867	18,351	17,247	6,747	6,522
10	19,268	8,123	7,826	1,721	1,598
99	961	320	312	155	174

TABLE 20 - COMPLICATIONS OF PREGNANCY REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1981

Complications of Pregnancy	Trimester Care Began					
	Total	1st	2nd	3rd	None	Unknown
Unduplicated Count of Births with Complications	22,672	17,981	3,519	610	151	411
Complications Related to Pregnancy						
Hemorrhage in early pregnancy	125	111	11	1	2	
Placenta previa	258	207	38	5	1	7
Premature separation of placenta	304	221	67	6	6	4
Other and unspecified antepartum hemorrhage	289	208	53	11	2	15
Pre-eclampsia and eclampsia	1,593	1,229	278	52	10	24
Other and unspecified hypertension	1,027	771	199	29	6	22
Excessive vomiting	50	47	3			
Early or threatened labor	1,307	992	209	38	44	24
Prolonged pregnancy	198	161	33	3		1
Edema or excessive weight gain	201	157	36	4	1	3
Infections of genitourinary tract	471	324	95	15	4	33
Other and unspecified complications of pregnancy	32	23	3	1		5
Conditions in the Mother Complicating the Pregnancy						
Venereal disease	27	18	6	1	1	1
Other infective and parasitic diseases	271	184	35	12	1	39
Diabetes mellitus	422	326	64	9	1	22
Anemia	195	119	36	8	2	30
Phlebitis, thrombosis and other venous complications	43	37	6			
Obesity	119	76	36	5	2	
Injury during pregnancy	45	43	1	1		
Operation during pregnancy	59	51	5	1		2
Other conditions in mother affecting pregnancy	773	570	130	29	9	35
Complications of the puerperium	12	8	2	2		
Complications Affecting Delivery						
Multiple pregnancy	375	299	58	13	1	4
Malposition or malpresentation of fetus	2,108	1,710	300	49	13	36
Fetopelvic disproportion	2,713	2,264	343	57	8	41
Uterine scar from previous surgery	3,764	3,136	490	72	9	57
Cervical incompetence	118	111	5	1		1
Other or unspecified abnormality of organs and soft tissues of pelvis	61	56	2	3		
RH incompatibility	355	218	90	12	1	34
Fetal distress	2,230	1,674	414	78	17	47
Other fetal and placental problems	156	113	33	8		2
Polyhydramnios	57	44	7	3	2	1
Premature rupture of membranes	1,179	963	161	26	10	19
Other problems associated with amniotic cavity and membranes	228	151	53	12	4	8
Obstructed labor	311	234	57	12		8
Abnormality of forces of labor	1,185	939	179	37	7	23
Prolonged labor	224	167	46	8		3
Umbilical cord complications	1,731	1,259	328	64	12	68
Perineal laceration	637	537	77	13	7	3
Other obstetrical trauma	170	131	29	7	2	1
Postpartum hemorrhage	124	91	27	3	2	1
Retained placenta or membranes	852	584	112	13	2	141
Other and unspecified complications of labor and delivery	171	115	41	9		6
Type of Delivery (if specified on certificate)						
Forceps or ventouse delivery	1,024	802	122	24	3	73
Breech extraction	46	35	7	2		2
Cesarean delivery	10,885	8,971	1,480	228	40	166

TABLE 21 - CONGENITAL ANOMALIES REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1981

Congenital Anomalies	Trimester Care Began					
	Total	1st	2nd	3rd	None	Unknown
Unduplicated Count of Infants with Anomalies	660	517	110	19	9	5
All Congenital Anomalies						
Anencephalus	12	10	1	1		
Spina bifida	44	39	4	1		
Other anomalies of nervous system	38	28	9	1		
Anomalies of eye	10	6	2		2	
Anomalies of ear, face, and neck	20	16	4			
Bulbus cordis anomalies and anomalies of cardiac septal closure	9	5	3	1		
Other anomalies of heart	39	32	7			
Other anomalies of circulatory system	9	6	3			
Anomalies of respiratory system	15	9	2	2	1	1
Cleft palate and cleft lip	66	47	12	4	1	2
Other anomalies of upper alimentary tract	13	10	2		1	
Other anomalies of digestive system	13	12	1			
Undescended testicle	12	6	4	1		1
Hypospadias and epispadias	48	34	10	3	1	
Other anomalies of genitourinary systems	31	26	3	1	1	
Congenital dislocation of hip	10	7	3			
Deformities of feet	74	56	16	1	1	
Polydactyly	79	60	14	4	1	
Syndactyly	21	20	1			
Other anomalies of limbs	40	32	6	1		1
Other anomalies of musculoskeletal system	29	24	5			
Anomalies of the integument	38	35	3			
Down's syndrome	40	33	7			
Other chromosomal anomalies	6	5	1			
Other and unspecified anomalies	36	27	9			

TABLE 22 - RESIDENT LIVE BIRTHS AND NATURAL FETAL DEATHS BY RACE AND SEX BY MONTH OF DELIVERY AND NUMBER OF INDIVIDUALS DELIVERED PER CONFINEMENT, VIRGINIA, 1981

Month	Live Births					Natural Fetal Deaths						
	Total	White		Nonwhite		Total	White			Nonwhite		
		Male	Female	Male	Female		Male	Female	Unk.	Male	Female	Unk.
TOTAL	79,278	30,379	28,441	10,483	9,975	6,631	359	247	4,229	243	168	1,385
January	6,373	2,416	2,277	872	808	609	26	22	400	17	18	126
February	6,026	2,272	2,143	826	785	563	26	16	336	20	19	146
March	6,543	2,509	2,359	891	784	570	31	12	389	19	5	114
April	6,290	2,420	2,328	797	745	555	38	30	347	18	12	110
May	6,510	2,551	2,412	782	765	536	24	26	336	20	13	117
June	6,421	2,471	2,331	866	753	532	35	18	335	21	12	111
July	7,148	2,708	2,577	945	918	570	29	21	350	21	13	136
August	7,265	2,774	2,548	966	977	575	27	21	360	24	19	124
September	6,850	2,614	2,499	875	862	478	24	14	320	19	13	88
October	6,613	2,572	2,344	876	821	584	43	18	374	20	17	112
November	6,453	2,464	2,263	877	849	525	27	25	333	27	12	101
December	6,786	2,608	2,360	910	908	534	29	24	349	17	15	100
Single births	77,715	29,857	27,881	10,245	9,732	6,528	328	232	4,204	230	154	1,380
Born as twins	1,538	514	547	236	241	95	31	15	20	13	12	4
Born as triplets	25	8	13	2	2	8			5		2	1

TABLE 23 - RESIDENT LIVE BIRTHS BY SEX AND SEX RATIO BY RACE VIRGINIA, 1972-1981

Year	Total			White			Nonwhite		
	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females
1972	38,718	36,350	1,065	29,788	27,652	1,077	8,930	8,698	1,027
1973	36,705	34,960	1,050	28,221	26,656	1,059	8,484	8,304	1,022
1974	36,478	34,588	1,055	28,008	26,240	1,067	8,470	8,348	1,015
1975	35,975	34,057	1,056	27,382	25,825	1,060	8,593	8,232	1,044
1976	35,875	34,097	1,052	27,259	25,753	1,058	8,616	8,344	1,033
1977	38,259	35,987	1,063	28,784	26,878	1,071	9,475	9,109	1,040
1978	37,714	35,635	1,058	28,284	26,637	1,062	9,430	8,998	1,048
1979	39,476	37,423	1,055	29,213	27,523	1,061	10,263	9,900	1,037
1980	40,086	38,337	1,046	29,842	28,205	1,058	10,244	10,132	1,011
1981	40,862	38,416	1,064	30,379	28,441	1,068	10,483	9,975	1,051

TABLE 24 - RESIDENT PREGNANCY TERMINATIONS (LIVE BIRTHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS) BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	116,075	41,810	36.0	84,361	22,761	27.0	31,714	19,049	60.1
Under 15 years	621	596	96.0	227	205	90.3	394	391	99.2
15-19 years	21,162	14,839	70.1	14,035	8,444	60.2	7,127	6,395	89.7
15 years	1,286	1,151	89.5	691	566	81.9	595	585	98.3
16 years	2,635	2,203	83.6	1,605	1,205	75.1	1,030	998	96.9
17 years	4,029	3,083	76.5	2,604	1,735	66.6	1,425	1,348	94.6
18 years	6,153	4,257	69.2	4,258	2,562	60.2	1,895	1,695	89.4
19 years	7,059	4,145	58.7	4,877	2,376	48.7	2,182	1,769	81.1
20-24 years	37,872	15,387	40.6	26,748	8,342	31.2	11,124	7,045	63.3
25-29 years	31,998	6,839	21.4	24,255	3,465	14.3	7,743	3,374	43.6
30-34 years	18,154	2,885	15.9	14,317	1,562	10.9	3,837	1,323	34.5
35-39 years	5,175	972	18.8	3,990	564	14.1	1,185	408	34.4
40-44 years	942	215	22.8	688	133	19.3	254	82	32.3
45 years & over	73	21	28.8	46	8	17.4	27	13	48.1
Unknown	78	56		55	38		23	18	

TABLE 25 - RESIDENT LIVE BIRTHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	79,278	15,353	19.4	58,820	5,174	8.8	20,458	10,179	49.8
Under 15 years	242	221	91.3	75	55	73.3	167	166	99.4
15-19 years	11,306	5,713	50.5	6,893	1,925	27.9	4,413	3,788	85.8
15 years	566	440	77.7	239	122	51.0	327	318	97.2
16 years	1,272	886	69.7	665	304	45.7	607	582	95.9
17 years	2,087	1,220	58.5	1,200	397	33.1	887	823	92.8
18 years	3,200	1,555	48.6	2,034	555	27.3	1,166	1,000	85.8
19 years	4,181	1,612	38.6	2,755	547	19.9	1,426	1,065	74.7
20-24 years	25,426	5,812	22.9	18,115	1,939	10.7	7,311	3,873	53.0
25-29 years	24,461	2,381	9.7	19,262	757	3.9	5,199	1,624	31.2
30-34 years	13,900	893	6.4	11,363	351	3.1	2,537	542	21.4
35-39 years	3,456	275	8.0	2,757	119	4.3	699	156	22.3
40-44 years	451	46	10.2	330	20	6.1	121	26	21.5
45 years and over	21	3	14.3	14	1	7.1	7	2	28.6
Unknown	15	9		11	7		4	2	

TABLE 26 - RESIDENT INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	30,166	24,549	81.4	20,706	16,705	80.7	9,460	7,844	82.9
Under 15 years	359	357	99.4	148	148	100.0	211	209	99.1
15-19 years	8,979	8,559	95.3	6,602	6,257	94.8	2,377	2,302	96.8
15 years	669	665	99.4	433	430	99.3	236	235	99.6
16 years	1,259	1,235	98.1	884	866	98.0	375	369	98.4
17 years	1,793	1,744	97.3	1,331	1,293	97.1	462	451	97.6
18 years	2,684	2,535	94.4	2,055	1,927	93.8	629	608	96.7
19 years	2,574	2,380	92.5	1,899	1,741	91.7	675	639	94.7
20-24 years	10,518	8,895	84.6	7,295	6,093	83.5	3,223	2,802	86.9
25-29 years	5,686	4,102	72.1	3,588	2,540	70.8	2,098	1,562	74.5
30-34 years	2,946	1,792	60.8	1,914	1,115	58.3	1,032	677	65.6
35-39 years	1,246	634	50.9	858	411	47.9	388	223	57.5
40-44 years	357	158	44.3	247	106	42.9	110	52	47.3
45 years and over	29	13	44.8	18	6	33.3	11	7	63.6
Unknown	46	39		36	29		10	10	

TABLE 27 - RESIDENT NATURAL FETAL DEATHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1981

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	6,631	1,908	28.8	4,835	882	18.2	1,796	1,026	57.1
Under 15 years	20	18	90.0	4	2	50.0	16	16	100.0
15-19 years	877	567	64.7	540	262	48.5	337	305	90.5
15 years	51	46	90.2	19	14	73.7	32	32	100.0
16 years	104	82	78.8	56	35	62.5	48	47	97.9
17 years	149	119	79.9	73	45	61.6	76	74	97.4
18 years	269	167	62.1	169	80	47.3	100	87	87.0
19 years	304	153	50.3	223	88	39.5	81	65	80.2
20-24 years	1,928	680	35.3	1,338	310	23.2	590	370	62.7
25-29 years	1,851	356	19.2	1,405	168	12.0	446	188	42.2
30-34 years	1,308	200	15.3	1,040	96	9.2	268	104	38.8
35-39 years	473	63	13.3	375	34	9.1	98	29	29.6
40-44 years	134	11	8.2	111	7	6.3	23	4	17.4
45 years and over	23	5	21.7	14	1	7.1	9	4	44.4
Unknown	17	8		8	2		9	6	

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Teenage Total Pregnancy Terminations			Teenage Live Births			Teenage Induced Abortions			Teenage Natural Fetal Deaths		
	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19
STATE OF VIRGINIA	21,783	621	21,162	11,548	242	11,306	9,338	359	8,979	897	20	877
District 1	353	8	245	315	5	310	27	3	24	11		11
Lee	78	2	76	72	2	70	4		4	2		2
Scott	60		60	60		60						
Wise	196	4	192	170	3	167	19	1	18	7		7
Norton	19	2	17	13		13	4	2	2	2		2
District 2	526	4	522	451	2	449	33	1	32	42	1	41
Buchanan	162	3	159	141	2	139	9		9	12	1	11
Dickenson	69		69	58		58	3		3	8		8
Russell	102		102	91		91	5		5	6		6
Tazewell	193	1	192	161		161	16	1	15	16		16
District 3	520	7	513	396	2	394	96	5	91	28		28
Bland	16		16	11		11	4		4	1		1
Carroll	68	2	66	55	1	54	7	1	6	6		6
Grayson	41		41	30		30	5		5	6		6
Smyth	112	1	111	77		77	33	1	32	2		2
Washington	107		107	88		88	12		12	7		7
Wythe	106	3	103	75	1	74	27	2	25	4		4
Bristol	47	1	46	43		43	3	1	2	1		1
Galax	23		23	17		17	5		5	1		1
District 4	540	8	532	269	5	264	255	3	252	16		16
Floyd	33		33	25		25	8		8			
Giles	73		73	56		56	15		15	2		2
Montgomery	228	3	225	89	2	87	134	1	133	5		5
Pulaski	123	4	119	83	3	80	33	1	32	7		7
Radford	83	1	82	16		16	65	1	64	2		2
District 5	854	28	826	421	11	410	373	16	357	60	1	59
Alleghany	54	2	52	33	2	31	20		20	1		1
Botetourt	47	1	46	29	1	28	14		14	4		4
Craig	6		6	3		3	3		3			
Roanoke	196	3	193	67	2	65	112	1	111	17		17
Clifton Forge	13		13	9		9	3		3	1		1
Covington	30		30	19		19	10		10	1		1
Roanoke City	443	22	421	233	6	227	177	15	162	33	1	32
Salem	65		65	28		28	34		34	3		3
District 6	669	14	655	373	6	367	280	8	272	16		16
Augusta	185	3	182	87	1	86	94	2	92	4		4
Bath	20	1	19	12		12	8	1	7			
Highland	6		6	4		4	2		2			
Rockbridge	64	3	61	36	2	34	28	1	27			
Rockingham	187	4	183	116	2	114	65	2	63	6		6
Buena Vista	25	1	24	19		19	6	1	5			
Harrisonburg	53	1	52	19		19	33	1	32	1		1
Lexington	15		15	6		6	9		9			
Staunton	60	1	59	40	1	39	15		15	5		5
Waynesboro	54		54	34		34	20		20			
District 7	416	11	405	323	8	315	72	3	69	21		21
Clarke	14		14	11		11	2		2	1		1
Frederick	103	3	100	88	3	85	12		12	3		3
Page	67	5	62	43	3	40	21	2	19	3		3
Shenandoah	79	1	78	59	1	58	15		15	5		5
Warren	86	1	85	61		61	20	1	19	5		5
Winchester	67	1	66	61	1	60	2		2	4		4
District 8	3,561	80	3,481	1,487	28	1,459	1,931	48	1,883	143	4	139
Arlington	321	4	317	155	1	154	161	2	159	5	1	4
Fairfax	1,751	26	1,725	579	9	570	1,116	17	1,099	56		56
Loudoun	218	11	207	94	3	91	113	8	105	11		11
Prince William	723	15	708	370	4	366	319	11	308	34		34
Alexandria	354	20	334	179	8	171	144	10	134	31	2	29
Fairfax City	53		53	27		27	24		24	2		2
Falls Church	38		38	6		6	32		32			
Manassas	75	4	71	55	3	52	18		18	2	1	1
Manassas Park	28		28	22		22	4		4	2		2
District 9	376	8	368	234	6	228	129	2	127	13		13
Culpeper	98	3	95	69	2	67	28	1	27	1		1
Fauquier	145	1	144	82	1	81	55		55	8		8
Madison	44	2	42	29	1	28	14	1	13	1		1
Orange	73	2	71	46	2	44	25		25	2		2
Rappahannock	16		16	8		8	7		7	1		1
District 10	555	14	541	289	6	283	253	8	245	13		13
Albemarle	161	2	159	90	2	88	64		64	7		7
Fluvanna	36	3	33	18		18	18	3	15			
Greene	35	1	34	27		27	8	1	7			
Louisa	90	4	86	54	2	52	33	2	31	3		3
Nelson	56		56	34		34	22		22			
Charlottesville	177	4	173	66	2	64	108	2	106	3		3
District 11	685	20	565	375	6	369	281	13	268	29	1	28
Amherst	94		94	46		46	42		42	6		6
Appomattox	48	1	47	29		29	17	1	16	2		2
Bedford	105	2	103	57	1	56	40	1	39	8		8
Campbell	135	6	129	82	2	80	49	4	45	4		4
Bedford City	24		24	14		14	8		8	2		2
Lynchburg	279	11	268	147	3	144	125	7	118	7	1	6

(continued)

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Teenage Total Pregnancy Terminations			Teenage Live Births			Teenage Induced Abortions			Teenage Natural Fetal Deaths		
	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19
STATE OF VIRGINIA	21,783	621	21,162	11,548	242	11,306	9,338	359	8,979	897	20	877
District 12	796	25	771	576	13	563	191	12	179	29		29
Franklin	134	2	132	78	1	77	50	1	49	6		6
Henry	197	4	193	140	2	138	51	2	49	6		6
Patrick	33		33	30		30	3		3			
Pittsylvania	226	8	218	180	4	176	39	4	35	7		7
Danville	130	10	120	102	6	96	19	4	15	9		9
Martinsville	76	1	75	46		46	29	1	28	1		1
District 13	308	15	293	200	7	193	91	7	84	17	1	16
Brunswick	76	3	73	58	2	56	18	1	17			
Halifax	119	7	112	64	3	61	44	4	40	11		11
Mecklenburg	94	4	90	65	2	63	23	1	22	6	1	5
South Boston	19	1	18	13		13	6	1	5			
District 14	347	14	333	202	6	196	128	8	120	17		17
Amelia	21		21	11		11	8		8	2		2
Buckingham	44	3	41	31	2	29	12	1	11	1		1
Charlotte	53	1	52	33	1	32	17		17	3		3
Cumberland	33		33	23		23	9		9	1		1
Lunenburg	49	1	48	31	1	30	16		16	2		2
Nottoway	62	5	57	31		31	25	5	20	6		6
Prince Edward	85	4	81	42	2	40	41	2	39	2		2
District 15	2,875	107	2,768	1,148	29	1,119	1,636	77	1,559	91	1	90
Charles City Co.	46	1	45	32		32	12	1	11	2		2
Chesterfield	520	6	514	162	1	161	343	5	338	15		15
Goochland	43		43	23		23	18		18	2		2
Hanover	187	2	185	60		60	122	2	120	5		5
Henrico	665	14	651	189		189	463	14	449	13		13
New Kent	26	1	25	17	1	16	8		8	1		1
Powhatan	33		33	16		16	17		17			
Richmond City	1,355	83	1,272	649	27	622	653	55	598	53	1	52
District 16	535	13	522	276	4	272	225	6	219	34	3	31
Caroline	91	2	89	49		49	34	2	32	8		8
King George	43	1	42	23	1	22	19		19	1		1
Spotsylvania	129	3	126	74		74	44	2	42	11	1	10
Stafford	178	2	176	102	2	100	68		68	8		8
Fredericksburg	94	5	89	28	1	27	60	2	58	6	2	4
District 17	172	9	163	96	3	93	69	6	63	7		7
Lancaster	43	3	40	21		21	21	3	18	1		1
Northumberland	33	2	31	21	2	19	9		9	3		3
Richmond	25		25	13		13	10		10	2		2
Westmoreland	71	4	67	41	1	40	29	3	26	1		1
District 18	231	11	220	109	2	107	115	9	106	7		7
Essex	51	4	47	23	1	22	27	3	24	1		1
Gloucester	89	1	88	44	1	43	41		41	4		4
King and Queen	13	3	10	9		9	4	3	1			
King William	33	1	32	17		17	16	1	15			
Mathews	25	2	23	10		10	13	2	11	2		2
Middlesex	20		20	6		6	14		14			
District 19	892	46	846	431	13	418	425	31	394	36	2	34
Dinwiddie	82	5	77	48		48	30	5	25	4		4
Greensville	64	4	60	35	3	32	21	1	20	9		8
Prince George	93	1	92	40		40	51	1	50	2		2
Surry	32	2	30	22	2	20	10		10			
Sussex	45	4	41	24	1	23	19	3	16	2		2
Colonial Heights	73		73	25		25	48		48			
Emporia	26	4	22	17	1	16	7	3	4	2		2
Hopewell	137	6	131	63	1	62	68	4	64	6	1	5
Petersburg	340	20	320	157	5	152	171	14	157	12	1	11
District 20	4,540	122	4,418	2,487	53	2,434	1,836	64	1,772	217	5	212
Isle of Wight	79	3	76	50	3	47	28		28	1		1
Southampton	54	1	53	37		37	14	1	13	3		3
Chesapeake	619	13	606	335	5	330	264	8	256	20		20
Franklin City	46		46	25		25	19		19	2		2
Norfolk	1,639	48	1,591	977	26	951	552	18	534	110	4	106
Portsmouth	676	27	649	423	10	413	220	17	203	33		33
Suffolk	257	7	250	154	2	152	92	4	88	11	1	10
Virginia Beach	1,170	23	1,147	486	7	479	647	16	631	37		37
District 21	1,806	46	1,760	931	20	911	841	26	815	34		34
James City Co.	61		61	48		48	9		5	4		4
York	88		88	37		37	48		48	3		3
Hampton	630	16	614	297	6	291	320	10	310	13		13
Newport News	872	26	846	507	12	495	356	14	342	9		9
Poquoson	97	2	95	10		10	87	2	85			
Williamsburg	58	2	56	32	2	30	21		21	5		5
District 22	216	10	206	155	6	149	46	3	43	15	1	14
Accomack	142	4	138	102	4	98	30		30	10		10
Northampton	74	6	68	53	2	51	16	3	13	5	1	4
Unknown	10	1	9	4	1	3	5		5	1		1

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,631	4,835	1,796	5,769	4,323	1,446	862	512	350
District 1	55	54	1	45	44	1	10	10	
Lee	3	3		3	3				
Scott	3	3		3	3				
Wise	43	43		34	34		9	9	
Norton	6	5	1	5	4	1	1	1	
District 2	174	174		146	146		28	28	
Buchanan	59	59		50	50		9	9	
Dickenson	29	29		25	25		4	4	
Russell	26	26		19	19		7	7	
Tazewell	60	60		52	52		8	8	
District 3	133	126	7	113	107	6	20	19	1
Bland	4	4		3	3		1	1	
Carroll	34	34		28	28		6	6	
Grayson	18	18		17	17		1	1	
Smyth	17	16	1	14	14		3	2	1
Washington	28	25	3	24	21	3	4	4	
Wythe	22	19	3	18	15	3	4	4	
Bristol	3	3		2	2		1	1	
Galax	7	7		7	7				
District 4	157	149	8	128	123	5	29	26	3
Floyd	10	10		7	7		3	3	
Giles	13	13		11	11		2	2	
Montgomery	72	67	5	58	56	2	14	11	3
Pulaski	51	48	3	41	38	3	10	10	
Radford	11	11		11	11				
District 5	380	314	66	340	285	55	40	29	11
Alleghany	13	12	1	9	9		4	3	1
Botetourt	22	21	1	21	20	1	1	1	
Craig	3	3		3	3				
Roanoke	107	102	5	99	94	5	8	8	
Clifton Forge	3	2	1	3	2	1			
Covington	8	7	1	5	5		3	2	1
Roanoke City	193	136	57	172	124	48	21	12	9
Salem	31	31		28	28		3	3	
District 6	163	153	10	134	127	7	29	26	3
Augusta	30	27	3	22	19	3	8	8	
Bath	1	1		1	1				
Highland	1	1		1	1				
Rockbridge	2	2					2	2	
Rockingham	72	71	1	60	60		12	11	1
Buena Vista	1	1		1	1				
Harrisonburg	16	14	2	15	13	2	1	1	
Lexington									
Staunton	23	20	3	20	19	1	3	1	2
Waynesboro	17	16	1	14	13	1	3	3	
District 7	133	125	8	122	114	8	11	11	
Clarke	6	6		6	6				
Frederick	26	25	1	24	23	1	2	2	
Page	26	24	2	20	18	2	6	6	
Shenandoah	24	24		24	24				
Warren	26	23	3	24	21	3	2	2	
Winchester	25	23	2	24	22	2	1	1	
District 8	1,513	1,255	258	1,385	1,160	225	128	95	33
Arlington	166	130	36	154	121	33	12	9	3
Fairfax	723	633	90	653	581	72	70	52	18
Loudoun	78	66	12	72	62	10	6	4	2
Prince William	268	235	33	254	223	31	14	12	2
Alexandria	206	123	83	194	118	76	12	5	7
Fairfax City	9	9		8	8		1	1	
Falls Church	11	9	2	9	7	2	2	2	
Manassas	42	41	1	32	32		10	9	1
Manassas Park	10	9	1	9	8	1	1	1	
District 9	105	86	19	84	71	13	21	15	6
Culpeper	15	14	1	11	10	1	4	4	
Fauquier	50	39	11	42	33	9	8	6	2
Madison	10	8	2	8	6	2	2	2	
Orange	23	19	4	18	17	1	5	2	3
Rappahannock	7	6	1	5	5		2	1	1
District 10	160	134	26	128	114	14	32	20	12
Albemarle	66	57	9	57	51	6	9	6	3
Fluvanna	5	5		5	5				
Greene	9	8	1	7	6	1	2	2	
Louisa	30	23	7	22	19	3	8	4	4
Nelson	12	11	1	9	8	1	3	3	
Charlottesville	38	30	8	28	25	3	10	5	5
District 11	259	198	61	229	177	52	30	21	9
Amherst	37	29	8	35	27	8	2	2	
Appomattox	12	9	3	11	9	2	1		1
Bedford	44	39	5	36	32	4	8	7	1
Campbell	43	39	4	38	34	4	5	5	
Bedford City	8	4	4	8	4	4			
Lynchburg	115	78	37	101	71	30	14	7	7

(continued)

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,631	4,835	1,796	5,769	4,323	1,446	862	512	350
District 12	217	140	77	181	119	62	36	21	15
Franklin	44	32	12	38	28	10	6	4	2
Henry	39	29	10	37	27	10	2	2	
Patrick	12	11	1	11	10	1	1	1	
Pittsylvania	59	39	20	48	33	15	11	6	5
Danville	53	23	30	37	15	22	16	8	8
Martinsville	10	6	4	10	6	4			
District 13	129	60	69	115	56	59	14	4	10
Brunswick	18	4	14	13	4	9	5		5
Halifax	48	23	25	43	21	22	5	2	3
Mecklenburg	51	29	22	49	27	22	2	2	
South Boston	12	4	8	10	4	6	2		2
District 14	93	43	50	80	39	41	13	4	9
Amelia	10	8	2	9	7	2	1	1	
Buckingham	9	6	3	8	6	2	1		1
Charlotte	13	3	10	11	3	8	2		2
Cumberland	9	4	5	8	4	4	1		1
Lunenburg	12	6	6	8	4	4	4	2	2
Nottoway	19	7	12	17	6	11	2	1	1
Prince Edward	21	9	12	19	9	10	2		2
District 15	845	556	289	724	501	223	121	55	66
Charles City Co.	9	1	8	8	1	7	1		1
Chesterfield	164	139	25	136	117	19	28	22	6
Goochland	16	10	6	14	9	5	2	1	1
Hanover	57	48	9	57	48	9			
Henrico	267	221	46	230	196	34	37	25	12
New Kent	12	8	4	10	7	3	2	1	1
Powhatan	11	10	1	11	10	1			
Richmond City	309	119	190	258	113	145	51	6	45
District 16	150	129	21	136	120	16	14	9	5
Caroline	23	16	7	21	15	6	2	1	1
King George	8	8		8	8				
Spotsylvania	53	47	6	49	44	5	4	3	1
Stafford	42	41	1	36	36		6	5	1
Fredericksburg	24	17	7	22	17	5	2		2
District 17	27	23	4	22	19	3	5	4	1
Lancaster	4	3	1	2	1	1	2	2	
Northumberland	6	5	1	4	4		2	1	1
Richmond	4	4		3	3		1	1	
Westmoreland	13	11	2	13	11	2			
District 18	51	42	9	43	37	6	8	5	3
Essex	6	5	1	4	4		2	1	1
Gloucester	21	19	2	18	16	2	3	3	
King and Queen	2	1	1	2	1	1			
King William	13	10	3	12	10	2	1		1
Mathews	3	3		2	2		1	1	
Middlesex	6	4	2	5	4	1	1		1
District 19	239	111	128	205	100	105	34	11	23
Dinwiddie	29	16	13	29	16	13			
Greensville	19	9	10	16	9	7	3		3
Prince George	35	22	13	30	19	11	5	3	2
Surry	1		1	1		1			
Sussex	14	6	8	12	5	7	2	1	1
Colonial Heights	16	14	2	16	14	2			
Emporia	8	4	4	6	3	3	2	1	1
Hopewell	37	24	13	28	18	10	9	6	3
Petersburg	80	16	64	67	16	51	13		13
District 20	1,259	742	517	1,109	681	428	150	61	89
Isle of Wight	21	14	7	21	14	7			
Southampton	25	12	13	23	11	12	2	1	1
Chesapeake	152	89	63	133	80	53	19	9	10
Franklin City	13	5	8	11	5	6	2		2
Norfolk	523	274	249	466	255	211	57	19	38
Portsmouth	123	49	74	97	43	54	26	6	20
Suffolk	65	25	40	52	21	31	13	4	9
Virginia Beach	337	274	63	306	252	54	31	22	9
District 21	308	184	124	240	152	88	68	32	36
James City Co	23	16	7	16	12	4	7	4	3
York	12	7	5	9	5	4	3	2	1
Hampton	136	73	63	104	57	47	32	16	16
Newport News	112	69	43	87	60	27	25	9	16
Poquoson	3	2	1	3	2	1			
Williamsburg	22	17	5	21	16	5	1	1	
District 22	71	29	42	52	24	28	19	5	14
Accomack	46	19	27	34	17	17	12	2	10
Northampton	25	10	15	18	7	11	7	3	4
Unknown	10	8	2	8	7	1	2	1	1

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,631	20	877	1,928	1,851	1,308	473	134	23	17
District 1	55		11	19	14	6	4	1		
Lee	3		2			1				
Scott	3			1	1		1			
Wise	43		7	15	12	5	3	1		
Norton	6		2	3	1					
District 2	174	1	41	52	47	21	9	2		1
Buchanan	59	1	11	24	13	7	2	1		
Dickenson	29		8	7	9	2	2			1
Russell	26		6	5	8	5	1	1		
Tazewell	60		16	16	17	7	4			
District 3	133		28	41	34	20	5	4	1	
Bland	4		1		1	2				
Carroll	34		6	14	10	2	2			
Grayson	18		6	4	3	5				
Smyth	17		2	8	3	4				
Washington	28		7	3	7	4	3	3	1	
Wythe	22		4	7	7	3		1		
Bristol	3		1		2					
Galax	7		1	5	1					
District 4	157		16	50	47	28	11	3	2	
Floyd	10			3	5	1	1			
Giles	13		2	3	3	3	1	1		
Montgomery	72		5	20	23	17	7			
Pulaski	51		7	19	15	6	1	1	2	
Radford	11		2	5	1	1	1	1		
District 5	380	1	59	91	125	70	20	14		
Alleghany	13		1	4	3	2		3		
Botetourt	22		4	9	3	3	1	2		
Craig	3			1	2					
Roanoke	107		17	15	39	29	4	3		
Clifton Forge	3		1		1	1				
Covington	8		1	3	3	1				
Roanoke City	193	1	32	52	59	31	14	4		
Salem	31		3	7	15	3	1	2		
District 6	163		16	52	46	28	17	2	2	
Augusta	30		4	9	4	10	3			
Bath	1			1						
Highland	1					1				
Rockbridge	2			1		1				
Rockingham	72		6	20	26	10	7	1	2	
Buena Vista	1				1					
Harrisonburg	16		1	8	4		3			
Lexington										
Staunton	23		5	9	5	2	2			
Waynesboro	17			4	6	4	2	1		
District 7	133		21	36	40	26	9			1
Clarke	6		1	1	1	3				
Frederick	26		3	3	14	6				
Page	26		3	5	10	4	4			
Shenandoah	24		5	12	4	3				
Warren	26		5	6	5	7	3			
Winchester	25		4	9	6	3	2			1
District 8	1,513	4	139	385	408	381	149	44	2	1
Arlington	166	1	4	50	53	33	20	5		
Fairfax	723		56	165	192	205	78	25	1	1
Loudoun	78		11	15	25	18	9			
Prince William	268		34	73	81	51	23	6		
Alexandria	206	2	29	60	37	56	15	6	1	
Fairfax City	9		2		3	3	1			
Falls Church	11			4	2	4		1		
Manassas	42	1	1	15	14	8	3			
Manassas Park	10		2	3	1	3		1		
District 9	105		13	26	31	22	9	3	1	
Culpeper	15		1	3	6	4		1		
Fauquier	50		8	15	14	9	4			
Madison	10		1	2	1	2	2	1	1	
Orange	23		2	4	8	7	2			
Rappahannock	7		1	2	2		1	1		
District 10	160		13	34	54	42	15	1	1	
Albemarle	66		7	9	22	18	10			
Fluvanna	5			1	3	1				
Greene	9			3	2	3	1			
Louisa	30		3	10	6	7	2	1	1	
Nelson	12			2	5	4	1			
Charlottesville	38		3	9	16	9	1			
District 11	259	1	28	71	79	57	14	7	1	1
Amherst	37		6	13	8	7	2	1		
Appomattox	12		2	3	2	4	1			
Bedford	44		8	7	15	10	2	1		1
Campbell	43		4	16	9	7	4	2	1	
Bedford City	8		2		3		2	1		
Lynchburg	115	1	6	32	42	29	3	2		

(continued)

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,631	20	877	1,928	1,851	1,308	473	134	23	17
District 12	217		29	72	56	37	15	7	1	
Franklin	44		6	12	8	12	4	2		
Henry	39		6	13	10	6	3	1		
Patrick	12			7	3	1	1			
Pittsylvania	59		7	22	19	5	4	1	1	
Danville	53		9	13	15	11	3	2		
Martinsville	10		1	5	1	2		1		
District 13	129	1	16	38	33	25	12	4		
Brunswick	18			4	4	6	4			
Halifax	48		11	13	11	8	2	3		
Mecklenburg	51	1	5	16	15	8	6			
South Boston	12			5	3	3		1		
District 14	93		17	19	24	22	7	4		
Amelia	10		2		2	3	2	1		
Buckingham	9		1	1	5	2				
Charlotte	13		3	3	2	4	1			
Cumberland	9		1	2	2	1	2	1		
Lunenburg	12		2	1	2	4	1	2		
Nottoway	19		6	5	4	3	1			
Prince Edward	21		2	7	7	5				
District 15	845	1	90	214	264	192	72	8	3	1
Charles City Co.	9		2	3	1	1	2			
Chesterfield	164		15	30	64	41	12	2		
Goochland	16		2	5	6	2	1			
Hanover	57		5	13	18	15	5	1		
Henrico	267		13	66	89	64	30	2	3	
New Kent	12		1	2	5	1	3			
Powhatan	11			3	3	3	2			
Richmond City	309	1	52	92	78	65	17	3		1
District 16	150	3	31	38	32	28	16	2		
Caroline	23		8	4	7	1	3			
King George	8		1	4	2			1		
Spotsylvania	53	1	10	13	8	15	6			
Stafford	42		8	9	9	10	5	1		
Fredericksburg	24	2	4	8	6	2	2			
District 17	27		7	6	7	5	1		1	
Lancaster	4		1	1		1			1	
Northumberland	6		3	1	2					
Richmond	4		2		1		1			
Westmoreland	13		1	4	4	4				
District 18	51		7	13	19	6	5	1		
Essex	6		1	1	2	2				
Gloucester	21		4	4	8	3	2			
King and Queen	2			1	1					
King William	13			4	6		2	1		
Mathews	3		2			1				
Middlesex	6			3	2		1			
District 19	239	2	34	77	69	41	15	1		
Dinwiddie	29		4	10	7	7	1			
Greensville	19		8	1	8	1	1			
Prince George	35		2	14	13	4	2			
Surry	1			1						
Sussex	14		2	4	5	2	1			
Colonial Heights	16			6	3	4	3			
Emporia	8		2	2	2	2				
Hopewell	37	1	5	12	11	6	2			
Petersburg	80	1	11	27	20	15	5	1		
District 20	1,259	5	212	437	320	197	52	21	6	9
Isle of Wight	21		1	12	2	3	2	1		
Southampton	25		3	7	6	8	1			
Chesapeake	152		20	52	45	28	4	1		2
Franklin City	13		2	5	2	4				
Norfolk	523	4	106	197	125	55	20	7	4	5
Portsmouth	123		33	33	36	17	3			1
Suffolk	65	1	10	26	19	8	1			
Virginia Beach	337		37	105	85	74	21	12	2	1
District 21	308		34	121	83	49	15	2	2	2
James City Co.	23		4	7	6	2	2	1	1	
York	12		3	2	2	4	1			
Hampton	136		13	60	29	24	8		1	1
Newport News	112		9	46	35	17	3	1		1
Poquoson	3			1	2					
Williamsburg	22		5	5	9	2	1			
District 22	71	1	14	32	15	5	1	3		
Accomack	46		10	23	5	4	1	3		
Northampton	25	1	4	9	10	1				
Unknown	10		1	4	4					1

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	30,166	20,706	9,460	24,549	16,705	7,844	81.4	80.7	82.9
District 1	59	56	3	44	42	2	74.6	75.0	66.7
Lee	9	9		8	8		88.9	88.9	
Scott	2	2		2	2		100.0	100.0	
Wise	40	39	1	27	27		67.5	69.2	0.0
Norton	8	6	2	7	5	2	87.5	83.3	100.0
District 2	84	81	3	65	62	3	77.4	76.5	100.0
Buchanan	19	19		16	16		84.2	84.2	
Dickenson	10	10		6	6		60.0	60.0	
Russell	9	9		5	5		55.6	55.6	
Tazewell	46	43	3	38	35	3	82.6	81.4	100.0
District 3	262	240	22	199	181	18	76.0	75.4	81.8
Bland	10	10		7	7		70.0	70.0	
Carroll	24	24		19	19		79.2	79.2	
Grayson	18	17	1	11	10	1	61.1	58.8	100.0
Smyth	75	65	10	64	55	9	85.3	84.6	90.0
Washington	29	28	1	24	23	1	82.8	82.1	100.0
Wythe	78	73	5	56	52	4	71.8	71.2	80.0
Bristol	7	4	3	5	3	2	71.4	75.0	66.7
Galax	21	19	2	13	12	1	61.9	63.2	50.0
District 4	775	721	54	676	631	45	87.2	87.5	83.3
Floyd	29	23	6	22	17	5	75.9	73.9	83.3
Giles	40	38	2	27	26	1	67.5	68.4	50.0
Montgomery	432	409	23	381	364	17	88.2	89.0	73.9
Pulaski	88	78	10	68	59	9	77.3	75.6	90.0
Radford	186	173	13	178	165	13	95.7	95.4	100.0
District 5	1,145	919	226	920	725	195	80.3	78.9	86.3
Alleghany	38	32	6	30	24	6	78.9	75.0	100.0
Botetourt	52	51	1	37	36	1	71.2	70.6	100.0
Craig	13	13		9	9		69.2	69.2	
Roanoke	298	287	11	228	218	10	76.5	76.0	90.9
Clifton Forge	11	8	3	11	8	3	100.0	100.0	100.0
Covington	29	22	7	25	19	6	86.2	86.4	85.7
Roanoke City	600	410	190	491	329	162	81.8	80.2	85.3
Salem	104	96	8	89	82	7	85.6	85.4	87.5
District 6	698	651	47	592	549	43	84.8	84.3	91.5
Augusta	194	179	15	158	145	13	81.4	81.0	86.7
Bath	21	21		17	17		81.0	81.0	
Highland	5	4	1	4	3	1	80.0	75.0	100.0
Rockbridge	55	55		46	46		83.6	83.6	
Rockingham	182	176	6	150	145	5	82.4	82.4	83.3
Buena Vista	23	23		19	19		82.6	82.6	
Harrisonburg	102	93	9	93	85	8	91.2	91.4	88.9
Lexington	26	24	2	24	22	2	92.3	91.7	100.0
Staunton	49	41	8	42	34	8	85.7	82.9	100.0
Waynesboro	41	35	6	39	33	6	95.1	94.3	100.0
District 7	221	206	15	153	141	12	69.2	68.4	80.0
Clarke	23	19	4	11	9	2	47.8	47.4	50.0
Frederick	42	40	2	30	28	2	71.4	70.0	100.0
Page	46	43	3	36	33	3	78.3	76.7	100.0
Shenandoah	40	38	2	30	29	1	75.0	76.3	50.0
Warren	48	46	2	35	33	2	72.9	71.7	100.0
Winchester	22	20	2	11	9	2	50.0	45.0	100.0
District 8	6,677	5,740	937	5,281	4,583	698	79.1	79.8	74.5
Arlington	799	643	156	627	515	112	78.5	80.1	71.8
Fairfax	3,648	3,249	399	2,912	2,626	286	79.8	80.8	71.7
Loudoun	295	274	21	226	208	18	76.6	75.9	85.7
Prince William	852	766	86	638	575	63	74.9	75.1	73.3
Alexandria	754	514	240	621	426	195	82.4	82.9	81.3
Fairfax City	96	91	5	75	73	2	78.1	80.2	40.0
Falls Church	165	143	22	128	113	15	77.6	79.0	68.2
Manassas	61	54	7	47	41	6	77.0	75.9	85.7
Manassas Park	7	6	1	7	6	1	100.0	100.0	100.0
District 9	347	278	69	257	202	55	74.1	72.7	79.7
Culpeper	82	62	20	63	48	15	76.8	77.4	75.0
Fauquier	136	118	18	97	81	16	71.3	68.6	88.9
Madison	32	22	10	21	14	7	65.6	63.6	70.0
Orange	69	49	20	56	39	17	81.2	79.6	85.0
Rappahannock	28	27	1	20	20		71.4	74.1	0.0
District 10	860	688	172	722	575	147	84.0	83.6	85.5
Albemarle	274	243	31	229	204	25	83.6	84.0	80.6
Fluvanna	39	29	10	33	24	9	84.6	82.8	90.0
Greene	27	26	1	18	17	1	66.7	65.4	100.0
Louisa	74	45	29	56	31	25	75.7	68.9	86.2
Nelson	68	47	21	53	34	19	77.9	72.3	90.5
Charlottesville	378	298	80	333	265	68	88.1	88.9	85.0
District 11	846	590	256	679	464	215	80.3	78.6	84.0
Amherst	122	85	37	96	66	30	78.7	77.6	81.1
Appomattox	47	37	10	37	29	8	78.7	78.4	80.0
Bedford	103	78	25	75	56	19	72.8	71.8	76.0
Campbell	144	108	36	117	85	32	81.3	78.7	88.9
Bedford City	34	24	10	25	20	5	73.5	83.3	50.0
Lynchburg	396	258	138	329	208	121	83.1	80.6	87.7

(continued)

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	30,166	20,706	9,460	24,549	16,705	7,844	81.4	80.7	82.9
District 12	507	307	200	426	258	168	84.0	84.0	84.0
Franklin	102	83	19	88	72	16	86.3	86.7	84.2
Henry	150	94	56	123	76	47	82.0	80.9	83.9
Patrick	11	11		10	10		90.9	90.9	
Pittsylvania	104	44	60	85	36	49	81.7	81.8	81.7
Danville	62	29	33	53	24	29	85.5	82.8	87.9
Martinsville	78	46	32	67	40	27	85.9	87.0	84.4
District 13	289	108	181	225	90	135	77.9	83.3	74.6
Brunswick	71	16	55	56	14	42	78.9	87.5	76.4
Halifax	111	50	61	86	40	46	77.5	80.0	75.4
Mecklenburg	88	35	53	69	31	38	78.4	88.6	71.7
South Boston	19	7	12	14	5	9	73.7	71.4	75.0
District 14	406	194	212	312	153	159	76.8	78.9	75.0
Amelia	44	19	25	38	17	21	86.4	89.5	84.0
Buckingham	32	20	12	23	13	10	71.9	65.0	83.3
Charlotte	47	23	24	34	16	18	72.3	69.6	75.0
Cumberland	31	12	19	25	9	16	80.6	75.0	84.2
Lunenburg	60	26	34	44	20	24	73.3	76.9	70.6
Nottoway	74	33	41	56	24	32	75.7	72.7	78.0
Prince Edward	118	61	57	92	54	38	78.0	88.5	66.7
District 15	5,947	3,291	2,656	4,954	2,683	2,271	83.3	81.5	85.5
Charles City Co.	46	5	41	39	4	35	84.8	80.0	85.4
Chesterfield	981	797	184	776	636	140	79.1	79.8	76.1
Goochland	73	33	40	53	24	29	72.6	72.7	72.5
Hanover	304	228	76	246	185	61	80.9	81.1	80.3
Henrico	1,679	1,209	470	1,364	996	368	81.2	82.4	78.3
New Kent	43	25	18	23	9	14	53.5	36.0	77.8
Powhatan	62	42	20	47	31	16	75.8	73.8	80.0
Richmond City	2,759	952	1,807	2,406	798	1,608	87.2	83.8	89.0
District 16	624	463	161	497	362	135	79.6	78.2	83.9
Caroline	101	32	69	84	25	59	83.2	78.1	85.5
King George	50	30	20	43	26	17	86.0	86.7	85.0
Spotsylvania	141	113	28	99	75	24	70.2	66.4	85.7
Stafford	156	142	14	124	115	9	79.5	81.0	64.3
Fredericksburg	176	146	30	147	121	26	83.5	82.9	86.7
District 17	188	92	96	146	67	79	77.7	72.8	82.3
Lancaster	51	21	30	35	13	22	68.6	61.9	73.3
Northumberland	36	18	18	28	12	16	77.8	66.7	88.9
Richmond	23	13	10	18	10	8	78.3	76.9	80.0
Westmoreland	78	40	38	65	32	33	83.3	80.0	86.8
District 18	288	169	119	220	126	94	76.4	74.6	79.0
Essex	62	31	31	49	25	24	79.0	80.6	77.4
Gloucester	99	67	32	77	51	26	77.8	76.1	81.3
King and Queen	24	7	17	16	4	12	66.7	57.1	70.6
King William	53	26	27	38	17	21	71.7	65.4	77.8
Mathews	25	20	5	20	16	4	80.0	80.0	80.0
Middlesex	25	18	7	20	13	7	80.0	72.2	100.0
District 19	1,278	552	726	1,056	434	622	82.6	78.6	85.7
Dinwiddie	94	54	40	76	41	35	80.9	75.9	87.5
Greensville	59	21	38	52	20	32	88.1	95.2	84.2
Prince George	160	88	72	122	72	50	76.3	81.8	69.4
Surry	28	9	19	22	7	15	78.6	77.8	78.9
Sussex	72	23	49	56	19	37	77.8	82.6	75.5
Colonial Heights	140	117	23	99	83	16	70.7	70.9	69.6
Emporia	18	6	12	16	6	10	88.9	100.0	83.3
Hopewell	189	115	74	159	94	65	84.1	81.7	87.8
Petersburg	518	119	399	454	92	362	87.6	77.3	90.7
District 20	5,830	3,759	2,071	4,882	3,129	1,753	83.7	83.2	84.6
Isle of Wight	75	44	31	60	32	28	80.0	72.7	90.3
Southampton	42	13	29	35	11	24	83.3	84.6	82.8
Chesapeake	665	404	261	561	342	219	84.4	84.7	83.9
Franklin City	44	16	28	39	15	24	88.6	93.8	85.7
Norfolk	2,069	1,166	903	1,725	954	771	83.4	81.8	85.4
Portsmouth	654	305	349	551	253	298	84.3	83.0	85.4
Suffolk	230	113	117	201	99	102	87.4	87.6	87.2
Virginia Beach	2,051	1,698	353	1,710	1,423	287	83.4	83.8	81.3
District 21	2,674	1,510	1,164	2,113	1,178	935	79.0	78.0	80.3
James City Co.	35	21	14	28	14	14	80.0	66.7	100.0
York	119	91	28	94	70	24	79.0	76.9	85.7
Hampton	994	518	476	802	410	392	80.7	79.2	82.4
Newport News	1,243	663	580	941	493	448	75.7	74.4	77.2
Poquoson	43	43		38	38		88.4	88.4	
Williamsburg	240	174	66	210	153	57	87.5	87.9	86.4
District 22	137	72	65	112	56	56	81.8	77.8	86.2
Accomack	92	53	39	76	40	36	82.6	75.5	92.3
Northampton	45	19	26	36	16	20	80.0	84.2	76.9
Unknown	24	19	5	18	14	4			

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	30,166	359	8,979	10,518	5,686	2,946	1,246	357	29	46
District 1	59	3	24	17	4	6	3	2		
Lee	9		4	5						
Scott	2			1				1		
Wise	40	1	18	9	4	4	3	1		
Norton	8	2	2	2		2				
District 2	84	1	32	26	13	4	7	1		
Buchanan	19		9	7	1	1	1			
Dickenson	10		3	3	4					
Russell	9		5	2		1	1			
Tazewell	46	1	15	14	8	2	5	1		
District 3	262	5	91	84	35	25	15	7		
Bland	10		4	1	2	2		1		
Carroll	24	1	6	8	2	5	2			
Grayson	18		5	5	5		2	1		
Smyth	75	1	32	23	7	6	5	1		
Washington	29		12	8	3	3	1	2		
Wythe	78	2	25	26	12	8	3	2		
Bristol	7	1	2	3	1					
Galax	21		5	10	3	1	2			
District 4	775	3	252	364	95	26	29	6		
Floyd	29		8	8	8	1	4			
Giles	40		15	13	6	2	3	1		
Montgomery	432	1	133	213	53	15	15	2		
Pulaski	88	1	32	26	17	5	4	3		
Radford	186	1	64	104	11	3	3			
District 5	1,145	16	357	387	195	127	43	16	2	2
Alleghany	38		20	8	4	3	1	1		1
Botetourt	52		14	20	7	7	4			
Craig	13		3	9	1					
Roanoke	298	1	111	92	45	30	15	4		
Clifton Forge	11		3	7	1					
Covington	29		10	13	2	2		1	1	
Roanoke City	600	15	162	202	118	70	22	10		1
Salem	104		34	36	17	15	1		1	
District 6	698	8	272	233	104	53	19	6	1	2
Augusta	194	2	92	46	27	18	5	1	1	2
Bath	21	1	7	10	3					
Highland	5		2	2	1					
Rockbridge	55	1	27	13	9	3	1	1		
Rockingham	182	2	63	69	28	12	5	3		
Buena Vista	23	1	5	7	4	3	3			
Harrisonburg	102	1	32	44	16	7	2			
Lexington	26		9	11	5	1				
Staunton	49		15	19	5	7	2	1		
Waynesboro	41		20	12	6	2	1			
District 7	221	3	69	79	30	24	11	4		1
Clarke	23		2	8	4	7	1	1		
Frederick	42		12	17	6	5	2			
Page	46	2	19	13	5	1	6			
Shenandoah	40		15	15	4	4	1			1
Warren	48	1	19	18	5	3	1	1		
Winchester	22		2	8	6	4		2		
District 8	6,677	48	1,883	2,304	1,245	761	325	93	7	11
Arlington	799	2	159	293	181	108	43	11		2
Fairfax	3,648	17	1,099	1,264	633	389	182	52	5	7
Loudoun	295	8	105	76	49	31	21	5		
Prince William	852	11	308	269	142	77	31	11	2	1
Alexandria	754	10	134	264	189	119	31	7		
Fairfax City	96		24	44	11	7	7	3		
Falls Church	165		32	65	32	24	7	4		1
Manassas	61		18	27	7	6	3			
Manassas Park	7		4	2	1					
District 9	347	2	127	113	51	32	17	5		
Culpeper	82	1	27	36	7	7	4			
Fauquier	136		55	33	26	12	7	3		
Madison	32	1	13	9	4	3	1	1		
Orange	69		25	23	10	8	2	1		
Rappahannock	28		7	12	4	2	3			
District 10	860	8	245	335	158	76	25	10	1	2
Albemarle	274		64	115	52	32	6	3		2
Fluvanna	39	3	15	13	3	3	1	1		
Greene	27	1	7	10	8	1				
Louisa	74	2	31	15	11	6	4	4	1	
Nelson	68		22	17	20	6	2	1		
Charlottesville	378	2	106	165	64	28	12	1		
District 11	846	13	268	283	157	72	35	14	1	3
Amherst	122		42	51	16	7	4	2		
Appomattox	47	1	16	15	7	5	1	2		
Bedford	103	1	39	29	17	8	5	1		3
Campbell	144	4	45	52	19	16	5	3		
Bedford City	34		8	9	12	2	2	1		
Lynchburg	396	7	118	127	86	34	18	5	1	

(continued)

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	30,166	359	8,979	10,518	5,686	2,946	1,246	357	29	46
District 12	507	12	179	169	72	45	20	10		
Franklin	102	1	49	21	12	13	2	4		
Henry	150	2	49	58	19	9	11	2		
Patrick	11		3	6	1	1				
Pittsylvania	104	4	35	35	16	10	2	2		
Danville	62	4	15	19	15	4	4	1		
Martinsville	78	1	28	30	9	8	1	1		
District 13	289	7	84	91	56	24	22	4	1	
Brunswick	71	1	17	28	11	6	7	1		
Halifax	111	4	40	33	17	8	7	1	1	
Mecklenburg	88	1	22	25	26	5	7	2		
South Boston	19	1	5	5	2	5	1			
District 14	406	8	120	118	86	42	22	9		1
Amelia	44		8	16	9	9	1	1		
Buckingham	32	1	11	6	7	3	2	2		
Charlotte	47		17	10	11	3	6			
Cumberland	31		9	13	4	2	2	1		
Lunenburg	60		16	12	18	6	4	3		1
Nottoway	74	5	20	25	11	11	2			
Prince Edward	118	2	39	36	26	8	5	2		
District 15	5,947	77	1,559	2,061	1,302	625	253	62	5	3
Charles City Co.	46	1	11	17	7	5	4		1	
Chesterfield	981	5	338	280	186	104	56	12		
Goochland	73		18	26	14	8	5	2		
Hanover	304	2	120	99	39	20	18	4	1	1
Henrico	1,679	14	449	561	350	205	76	22	1	1
New Kent	43		8	14	11	6	3	1		
Powhatan	62		17	20	16	5	3	1		
Richmond City	2,759	55	598	1,044	679	272	88	20	2	1
District 16	624	6	219	206	94	60	34	3	2	
Caroline	101	2	32	36	15	11	5			
King George	50		19	21	5	3	1		1	
Spotsylvania	141	2	42	40	28	15	11	2	1	
Stafford	156		68	45	19	14	9	1		
Fredericksburg	176	2	58	64	27	17	8			
District 17	188	6	63	53	33	14	12	5	1	1
Lancaster	51	3	18	14	9	3	3		1	
Northumberland	36		9	11	9	2	2	2		1
Richmond	23		10	4	4	2	3			
Westmoreland	78	3	26	24	11	7	4	3		
District 18	288	9	106	66	51	31	17	8		
Essex	62	3	24	10	11	9	4	1		
Gloucester	99		41	20	22	5	7	4		
King and Queen	24	3	1	7	5	5	2	1		
King William	53	1	15	22	7	4	3	1		
Mathews	25	2	11	4	3	4		1		
Middlesex	25		14	3	3	4	1			
District 19	1,278	31	394	433	264	105	38	11	1	1
Dinwiddie	94	5	25	39	16	8				1
Greensville	59	1	20	19	13	1	4	1		
Prince George	160	1	50	57	35	10	7			
Surry	28		10	9	6	2	1			
Sussex	72	3	16	28	14	6	2	2	1	
Colonial Heights	140		48	40	25	17	6	4		
Emporia	18	3	4	4	5	2				
Hopewell	189	4	64	63	40	14	3	1		
Petersburg	518	14	157	174	110	45	15	3		
District 20	5,830	[illegible]	1,772	2,081	1,116	530	203	47	4	13
Isle of Wight	75		28	28	12	4	1	1		1
Southampton	42	1	13	20	3	5				
Chesapeake	665	8	256	201	109	65	19	4		3
Franklin City	44		19	13	10		2			
Norfolk	2,069	18	534	853	403	190	57	12	1	1
Portsmouth	654	17	203	212	134	48	31	5	2	2
Suffolk	230	4	88	74	43	10	10	1		
Virginia Beach	2,051	16	631	680	402	208	83	24	1	6
District 21	2,674	26	815	968	496	246	85	29	3	6
James City Co.	35		9	14	9	3				
York	119		48	41	13	10	6	1		
Hampton	994	10	310	352	190	90	28	11	1	2
Newport News	1,243	14	342	449	248	128	44	13	1	4
Poquoson	43		21	14	4	3	1			
Williamsburg	240	2	85	98	32	12	6	4	1	
District 22	137	3	43	40	23	15	9	4		
Accomack	92		30	28	14	8	8	4		
Northampton	45	3	13	12	9	7	1			
Unknown	24		5	7	6	3	2	1		

TABLE 33

RESIDENT NATURAL FETAL DEATHS, LENGTH OF GESTATION BY RACE BY CAUSE OF DEATH, VIRGINIA, 1981

Causes of Natural Fetal Deaths	Total			Length of Gestation								
				Less than 20 Weeks			20-27 Weeks			28 Weeks and Over		
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh
ALL CAUSES	6,631	4,835	1,796	5,769	4,323	1,446	418	229	189	444	283	161
Causes and Conditions in Mother	703	493	210	629	451	178	44	23	21	30	19	11
Hypertensive disorders (7600)	21	10	11	5	1	4	1		1	15	9	6
Diseases or infections (7601-7603)	4	3	1	2	1	1				2	2	
Injuries (7605)	2	2		1	1		1	1				
Other conditions unrelated to pregnancy (7606-7609)	1	1								1	1	
Incompetent cervix (7610)	18	10	8	8	5	3	10	5	5			
Premature rupture of membranes (7611)	59	32	27	28	16	12	25	14	11	6	2	4
Ectopic pregnancy (7614)	487	335	152	481	331	150	4	2	2	2	2	
Hydatidiform mole (7800)	13	12	1	13	12	1						
Blighted ovum (7801)	93	85	8	91	84	7	2	1	1			
Other complications (7612-7613)	5	3	2				1		1	4	3	1
Complications of Placenta, Cord and Membranes	333	217	116	142	101	41	60	33	27	131	83	48
Placenta praevia (7620)	12	5	7	3	2	1	7	2	5	2	1	1
Other placental separation and hemorrhage (7621)	187	121	66	114	82	32	32	19	13	41	20	21
Other abnormalities of placenta (7622)	32	22	10	11	9	2	4	3	1	17	10	7
Prolapsed cord (7624)	21	13	8	7	3	4	7	4	3	7	6	1
Other compression of umbilical cord (7625)	51	38	13	3	2	1	3	1	2	45	35	10
Other conditions of umbilical cord (7626)	19	10	9				2	1	1	17	9	8
Abnormalities of membranes (7627-7629)	11	8	3	4	3	1	5	3	2	2	2	
Conditions in Fetus	185	135	50	65	52	13	55	37	18	65	46	19
Immaturity (764-765)	65	40	25	24	17	7	33	18	15	8	5	3
Intrauterine hypoxia and birth asphyxia (768)	70	53	17	29	24	5	10	8	2	31	21	10
Congenital anomalies (7802)	36	32	4	5	5		10	9	1	21	18	3
Other conditions in fetus (7700-7798)	14	10	4	7	6	1	2	2		5	2	3
Spontaneous Abortion (7618)	4,372	3,273	1,099	4,216	3,189	1,027	135	70	65	21	14	7
Ill defined and unknown causes	1,038	717	321	717	530	187	124	66	58	197	121	76

TABLE 34 - NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh
STATE OF VIRGINIA	724	443	281	9.1	7.5	13.7
District 1	10	10		7.2	7.3	0.0
Lee	2	2		6.4	6.4	0.0
Scott				0.0	0.0	0.0
Wise	8	8		10.7	11.0	0.0
Norton				0.0	0.0	0.0
District 2	23	21	2	11.5	10.7	54.1
Buchanan	4	4		7.6	7.6	
Dickenson	5	4	1	18.2	14.8	250.0
Russell	5	5		11.9	12.0	0.0
Tazewell	9	8	1	11.5	10.6	33.3
District 3	9	9		4.2	4.3	0.0
Bland				0.0	0.0	
Carroll	3	3		9.6	9.6	
Grayson	1	1		5.3	5.6	0.0
Smyth	1	1		2.4	2.4	0.0
Washington				0.0	0.0	0.0
Wythe	2	2		6.1	6.3	0.0
Bristol	2	2		8.8	9.4	0.0
Galax				0.0	0.0	0.0
District 4	10	9	1	6.2	5.9	11.8
Floyd	1	1		7.4	7.6	0.0
Giles	2	2		9.3	9.5	0.0
Montgomery	5	5		7.0	7.3	0.0
Pulaski	2	1	1	4.5	2.5	25.0
Radford				0.0	0.0	0.0
District 5	19	15	4	6.3	5.8	9.1
Alleghany	1	1		5.7	6.1	0.0
Botetourt	1		1	4.2	0.0	90.9
Craig				0.0	0.0	
Roanoke	1	1		1.2	1.3	0.0
Clifton Forge				0.0	0.0	0.0
Covington	2	1	1	20.8	12.7	58.8
Roanoke City	12	10	2	9.0	10.2	5.6
Salem	2	2		8.0	8.4	0.0
District 6	16	14	2	6.1	5.7	13.7
Augusta	1	1		1.5	1.6	0.0
Bath				0.0	0.0	0.0
Highland	1	1		38.5	38.5	
Rockbridge	1	1		4.2	4.6	0.0
Rockingham	7	7		8.5	8.6	0.0
Buena Vista				0.0	0.0	0.0
Harrisonburg	2	1	1	11.1	6.0	83.3
Lexington				0.0	0.0	0.0
Staunton	3	2	1	11.4	8.8	27.8
Waynesboro	1	1		4.5	5.2	0.0
District 7	6	6		3.2	3.4	0.0
Clarke				0.0	0.0	0.0
Frederick	1	1		1.9	1.9	0.0
Page	1	1		4.0	4.1	0.0
Shenandoah	3	3		8.0	8.1	0.0
Warren	1	1		3.2	3.5	0.0
Winchester				0.0	0.0	0.0
District 8	124	98	26	7.2	6.8	8.9
Arlington	14	9	5	7.0	5.8	11.6
Fairfax	56	49	7	6.4	6.6	5.3
Loudoun	3	3		3.3	3.6	0.0
Prince William	24	23	1	7.7	8.6	2.4
Alexandria	20	8	12	13.9	9.1	21.5
Fairfax City	3	3		8.1	9.0	0.0
Falls Church	1	1		8.6	9.3	0.0
Manassas	3	2	1	7.8	6.0	20.8
Manassas Park				0.0	0.0	0.0
District 9	12	9	3	8.6	8.0	10.9
Culpeper	6	5	1	17.3	19.0	11.9
Fauquier	4	2	2	7.0	4.2	21.5
Madison	1	1		6.5	8.2	0.0
Orange	1	1		3.9	5.1	0.0
Rappahannock				0.0	0.0	0.0
District 10	12	9	3	5.8	5.6	6.4
Albemarle	7	6	1	8.8	8.6	9.4
Fluvanna				0.0	0.0	0.0
Greene				0.0	0.0	0.0
Louisa	2	2		8.0	12.1	0.0
Nelson	2	1	1	12.4	8.0	27.8
Charlottesville	1		1	1.9	0.0	6.0
District 11	25	20	5	10.0	10.6	8.1
Amherst	4	4		10.9	13.6	0.0
Appomattox	1	1		6.5	9.1	0.0
Bedford	5	5		11.0	12.8	0.0
Campbell	7	6	1	12.3	12.8	9.9
Bedford City				0.0	0.0	0.0
Lynchburg	8	4	4	8.9	6.8	13.0
District 12	30	17	13	9.8	8.4	12.7
Franklin	6	5	1	14.0	14.2	13.0
Henry	5	5		7.1	9.9	0.0
Patrick	2	1	1	10.8	6.1	43.5
Pittsylvania	9	3	6	9.8	5.4	16.7
Danville	5	3	2	8.6	9.2	7.8
Martinsville	3		3	12.3	0.0	25.6
District 13	11	9	2	9.9	17.4	3.4
Brunswick	3	2	1	13.5	25.6	6.9
Halifax	3	3		7.3	15.3	0.0
Mecklenburg	3	3		8.0	15.2	0.0
South Boston	2	1	1	20.0	21.3	18.9
District 14	11	8	3	10.3	14.5	5.8
Amelia	2	2		16.0	27.8	0.0
Buckingham	1	1		6.8	13.9	0.0
Charlotte	1	1		5.9	9.9	0.0
Cumberland				0.0	0.0	0.0
Lunenburg	1		1	5.7	0.0	12.0
Nottoway	2	1	1	11.4	11.5	11.4
Prince Edward	4	3	1	21.5	36.1	9.7
District 15	99	43	56	10.6	7.2	16.8
Charles City Co.				0.0	0.0	0.0
Chesterfield	16	10	6	6.9	4.9	21.9
Goochland	3	2	1	19.6	19.6	19.6
Hanover	8	7	1	12.1	12.7	9.4
Henrico	17	11	6	7.1	5.9	11.7
New Kent				0.0	0.0	0.0
Powhatan				0.0	0.0	0.0
Richmond City	55	13	42	16.1	11.1	18.8
District 16	19	14	5	10.8	9.7	16.2
Caroline	4	3	1	16.6	20.7	10.4
King George	2	1	1	12.6	9.0	20.8
Spotsylvania	5	5		8.7	10.1	0.0
Stafford	4	3	1	6.8	5.4	25.6
Fredericksburg	4	2	2	21.5	14.3	43.5
District 17	2		2	3.8	0.0	8.0
Lancaster				0.0	0.0	0.0
Northumberland				0.0	0.0	0.0
Richmond				0.0	0.0	0.0
Westmoreland	2		2	10.4	0.0	19.8
District 18	5	3	2	6.2	5.0	9.7
Essex	2	1	1	15.0	13.0	17.9
Gloucester	2	2		6.4	7.5	0.0
King and Queen				0.0	0.0	0.0
King William	1		1	7.8	0.0	83.8
Mathews				0.0	0.0	0.0
Middlesex				0.0	0.0	0.0
District 19	32	14	18	13.8	12.0	15.6
Dinwiddie	2	1	1	8.4	7.5	9.6
Greensville	2	1	1	13.2	18.2	10.3
Prince George	4	3	1	11.1	12.5	8.3
Surry	1		1	10.5	0.0	16.7
Sussex	4	1	3	28.2	20.0	32.6
Colonial Heights	3	3		14.9	16.0	0.0
Emporia	1		1	13.5	0.0	18.9
Hopewell	3	2	1	7.5	7.1	8.6
Petersburg	12	3	9	18.2	18.1	18.2
District 20	180	82	98	12.0	8.6	18.0
Isle of Wight	1	1		3.4	6.3	0.0
Southampton	1		1	4.5	0.0	8.8
Chesapeake	24	8	16	12.2	6.4	22.0
Franklin City	2		2	16.9	0.0	26.7
Norfolk	62	25	37	12.2	8.6	17.0
Portsmouth	30	11	19	15.3	11.8	18.5
Suffolk	17	5	12	23.5	15.6	29.8
Virginia Beach	43	32	11	9.3	8.3	14.1
District 21	62	31	31	10.6	8.3	14.4
James City Co.	4		4	12.6	0.0	42.1
York	4	2	2	12.9	8.7	25.3
Hampton	25	11	14	12.3	8.8	17.9
Newport News	26	16	10	8.8	8.8	8.8
Poquoson	2	2		17.1	17.4	0.0
Williamsburg	1		1	7.8	0.0	16.5
District 22	7	2	5	11.4	7.5	14.2
Accomack	5	1	4	11.7	5.2	17.0
Northampton	2	1	1	10.7	14.1	8.6

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	947	570	377	1,000	624	376	12.6	10.6	18.4
District 1	10	10		17	17		12.3	12.5	0.0
Lee				2	2		6.4	6.4	0.0
Scott	1	1		3	3		10.7	10.8	0.0
Wise	7	7		12	12		16.1	16.5	0.0
Norton	2	2					0.0	0.0	0.0
District 2	20	20		35	33	2	17.5	16.8	54.1
Buchanan	6	6		7	7		13.3	13.3	
Dickenson	2	2		7	6	1	25.5	22.1	250.0
Russell	6	6		8	8		19.1	19.2	0.0
Tazewell	6	6		13	12	1	16.6	16.0	33.3
District 3	8	8		13	13		6.1	6.3	0.0
Bland							0.0	0.0	
Carroll				3	3		9.6	9.6	
Grayson				1	1		5.3	5.6	0.0
Smyth	2	2		2	2		4.7	4.9	0.0
Washington	3	3		2	2		3.9	4.0	0.0
Wythe	1	1		3	3		9.1	9.5	0.0
Bristol				2	2		8.8	9.4	0.0
Galax	2	2					0.0	0.0	0.0
District 4	7	6	1	17	16	1	10.6	10.5	11.8
Floyd				3	3		22.2	22.9	0.0
Giles	1	1		3	3		14.0	14.2	0.0
Montgomery	4	4		8	8		11.2	11.7	0.0
Pulaski	1		1	3	2	1	6.8	5.0	25.0
Radford	1	1					0.0	0.0	0.0
District 5	54	41	13	29	20	9	9.6	7.8	20.5
Alleghany	1	1		1	1		5.7	6.1	0.0
Botetourt				1		1	4.2	0.0	90.9
Craig							0.0	0.0	
Roanoke				3	3		3.7	3.8	0.0
Clifton Forge							0.0	0.0	0.0
Covington				2	1	1	20.8	12.7	58.8
Roanoke City	51	38	13	20	13	7	15.0	13.3	19.6
Salem	2	2		2	2		8.0	8.4	0.0
District 6	20	17	3	28	24	4	10.8	9.8	27.4
Augusta				2	2		3.1	3.2	0.0
Bath	1	1					0.0	0.0	0.0
Highland	1	1		2	2		76.9	76.9	
Rockbridge				2	1	1	8.4	4.6	55.6
Rockingham				11	11		13.3	13.5	0.0
Buena Vista							0.0	0.0	0.0
Harrisonburg	10	9	1	3	2	1	16.7	11.9	83.3
Lexington	1	1		1	1		23.8	29.4	0.0
Staunton	5	3	2	5	3	2	18.9	13.2	55.6
Waynesboro	2	2		2	2		9.0	10.4	0.0
District 7	8	8		12	12		6.4	6.7	0.0
Clarke				1	1		8.3	9.0	0.0
Frederick				2	2		3.7	3.8	0.0
Page				1	1		4.0	4.1	0.0
Shenandoah	2	2		3	3		8.0	8.1	0.0
Warren				3	3		9.7	10.5	0.0
Winchester	6	6		2	2		7.3	8.1	0.0
District 8	105	78	27	162	126	36	9.4	8.8	12.4
Arlington	5	3	2	18	12	6	9.1	7.7	13.9
Fairfax	56	47	9	72	63	9	8.2	8.4	6.8
Loudoun	2		2	6	4	2	6.5	4.8	24.7
Prince William	5	4	1	29	27	2	9.4	10.0	4.9
Alexandria	30	18	12	27	11	16	18.8	12.5	28.6
Fairfax City				3	3		8.1	9.0	0.0
Falls Church				2	2		17.2	18.7	0.0
Manassas	7	6	1	4	3	1	10.4	8.9	20.8
Manassas Park				1	1		8.4	9.3	0.0
District 9	4	2	2	17	13	4	12.2	11.6	14.5
Culpeper				6	5	1	17.3	19.0	11.9
Fauquier	4	2	2	7	4	3	12.2	8.4	32.3
Madison				2	2		13.1	16.4	0.0
Orange				2	2		7.7	10.2	0.0
Rappahannock							0.0	0.0	0.0
District 10	68	56	12	23	16	7	11.1	10.0	15.0
Albemarle	61	50	11	11	8	3	13.8	11.5	28.3
Fluvanna				2	1	1	12.4	9.6	17.5
Greene							0.0	0.0	0.0
Louisa				2	2		8.0	12.1	0.0
Nelson	2	1	1	4	3	1	24.8	24.0	27.8
Charlottesville	5	5		4	2	2	7.4	5.4	12.0
District 11	33	23	10	31	25	6	12.4	13.2	9.8
Amherst				4	4		10.9	13.6	0.0
Appomattox	1	1		2	2		13.1	18.2	0.0
Bedford				5	5		11.0	12.8	0.0
Campbell	1	1		9	8	1	15.8	17.0	9.9
Bedford City							0.0	0.0	0.0
Lynchburg	31	21	10	11	6	5	12.2	10.2	16.2

(continued)

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981 (continued)

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	947	570	377	1,000	624	376	12.6	10.6	18.4
District 12	22	9	13	42	24	18	13.7	11.8	17.5
Franklin				7	6	1	16.4	17.1	13.0
Henry	1		1	9	8	1	12.9	15.8	5.2
Patrick	1		1	2	1	1	10.8	6.1	43.5
Pittsylvania	2		2	13	4	9	14.2	7.2	25.0
Danville	14	6	8	7	4	3	12.0	12.3	11.7
Martinsville	4	3	1	4	1	3	16.5	7.9	25.6
District 13	5	3	2	15	11	4	13.5	21.2	6.8
Brunswick				3	2	1	13.5	25.6	6.9
Halifax				4	4		9.8	20.4	0.0
Mecklenburg	2	1	1	6	4	2	16.0	20.3	11.2
South Boston	3	2	1	2	1	1	20.0	21.3	18.9
District 14	2	2		17	11	6	15.9	19.9	11.5
Amelia				2	2		16.0	27.8	0.0
Buckingham				1	1		6.8	13.9	0.0
Charlotte				2	1	1	11.8	9.9	14.5
Cumberland							0.0	0.0	0.0
Lunenburg				1		1	5.7	0.0	12.0
Nottoway				5	3	2	28.6	34.5	22.7
Prince Edward	2	2		6	4	2	32.3	48.2	19.4
District 15	213	108	105	127	58	69	13.6	9.7	20.8
Charles City Co.				2	1	1	15.9	28.6	11.0
Chesterfield	1		1	21	14	7	9.1	6.8	25.5
Goochland	1		1	4	2	2	26.1	19.6	39.2
Hanover				8	7	1	12.1	12.7	9.4
Henrico	17	14	3	23	17	6	9.7	9.1	11.7
New Kent							0.0	0.0	0.0
Powhatan							0.0	0.0	0.0
Richmond City	194	94	100	69	17	52	20.2	14.5	23.2
District 16	8	6	2	24	17	7	13.7	11.8	22.7
Caroline	2	1	1	7	5	2	29.0	34.5	20.8
King George				2	1	1	12.6	9.0	20.8
Spotsylvania				6	6		10.5	12.1	0.0
Stafford	1		1	5	3	2	8.4	5.4	51.3
Fredericksburg	5	5		4	2	2	21.5	14.3	43.5
District 17				2		2	3.8	0.0	8.0
Lancaster							0.0	0.0	0.0
Northumberland							0.0	0.0	0.0
Richmond							0.0	0.0	0.0
Westmoreland				2		2	10.4	0.0	19.8
District 18	1	1		8	5	3	9.9	8.3	14.5
Essex	1	1		3	2	1	22.6	26.0	17.9
Gloucester				3	3		9.6	11.2	0.0
King and Queen							0.0	0.0	0.0
King William				1		1	7.8	0.0	23.8
Mathews							0.0	0.0	0.0
Middlesex				1		1	12.7	0.0	40.0
District 19	14	3	11	39	17	22	16.8	14.5	19.1
Dinwiddie				2	1	1	8.4	7.5	9.6
Greensville				4	2	2	26.3	36.4	20.6
Prince George				5	4	1	13.9	16.7	8.3
Surry				1		1	10.5	0.0	16.7
Sussex				4	1	3	28.2	20.0	32.6
Colonial Heights				3	3		14.9	16.0	0.0
Emporia	4	1	3	1		1	13.5	0.0	18.9
Hopewell	1		1	3	2	1	7.5	7.1	8.6
Petersburg	9	2	7	16	4	12	24.2	24.1	24.2
District 20	286	137	149	243	115	128	16.2	12.0	23.6
Isle of Wight	1		1	3	2	1	10.2	12.5	7.5
Southampton				2		2	9.1	0.0	17.7
Chesapeake	5	3	2	32	14	18	16.3	11.3	24.8
Franklin City	3		3	2		2	16.9	0.0	26.7
Norfolk	185	84	101	85	38	47	16.7	13.0	21.6
Portsmouth	65	38	27	41	15	26	21.0	16.1	25.4
Suffolk	14	1	13	25	6	19	34.6	18.8	47.1
Virginia Beach	13	11	2	53	40	13	11.4	10.4	16.6
District 21	54	31	23	89	48	41	15.2	12.9	19.0
James City Co.				5		5	15.7	0.0	52.6
York				5	3	2	16.1	13.0	25.3
Hampton	22	11	11	38	17	21	18.6	13.5	26.8
Newport News	27	19	8	35	23	12	11.8	12.7	10.5
Poquoson				3	3		25.6	26.1	0.0
Williamsburg	5	1	4	3	2	1	23.3	26.7	18.5
District 22	5	1	4	10	3	7	16.2	11.3	19.9
Accomack	3	1	2	8	2	6	18.6	10.3	25.5
Northampton	2		2	2	1	1	10.7	14.1	8.6

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	625	379	246	444	283	161	13.4	11.2	19.7
District 1	9	9		6	6		10.8	10.9	0.0
Lee	2	2					6.4	6.4	0.0
Scott							0.0	0.0	0.0
Wise	7	7		6	6		17.3	17.7	0.0
Norton							0.0	0.0	0.0
District 2	21	20	1	11	11		15.9	15.7	27.0
Buchanan	4	4		6	6		18.8	18.8	
Dickenson	5	4	1				18.2	14.8	250.0
Russell	5	5		1	1		14.3	14.4	0.0
Tazewell	7	7		4	4		14.0	14.6	0.0
District 3	8	8		12	12		9.3	9.6	0.0
Bland				1	1		11.8	11.8	
Carroll	3	3		4	4		22.2	22.2	
Grayson	1	1					5.3	5.6	0.0
Smyth	1	1		2	2		7.0	7.2	0.0
Washington				2	2		3.9	4.0	0.0
Wythe	1	1		2	2		9.1	9.4	0.0
Bristol	2	2		1	1		13.2	14.1	0.0
Galax							0.0	0.0	0.0
District 4	8	8		24	22	2	19.7	19.5	23.0
Floyd	1	1		3	3		29.0	29.9	0.0
Giles	2	2		2	2		18.5	18.8	0.0
Montgomery	5	5		12	10	2	23.5	21.6	64.5
Pulaski				7	7		15.7	17.2	0.0
Radford							0.0	0.0	0.0
District 5	17	13	4	26	19	7	14.2	12.4	24.6
Alleghany	1	1		2	1	1	16.9	12.0	83.3
Botetourt	1		1				4.2	0.0	90.9
Craig							0.0	0.0	
Roanoke				5	5		6.1	6.3	0.0
Clifton Forge							0.0	0.0	0.0
Covington	2	1	1	3	2	1	50.5	37.0	111.1
Roanoke City	11	9	2	14	9	5	18.5	18.2	19.3
Salem	2	2		2	2		15.9	16.7	0.0
District 6	16	14	2	17	15	2	12.6	11.7	27.0
Augusta	1	1		5	5		9.2	9.4	0.0
Bath							0.0	0.0	0.0
Highland	1	1					38.5	38.5	
Rockbridge	1	1		2	2		12.6	13.6	0.0
Rockingham	7	7		7	6	1	16.8	15.9	76.9
Buena Vista							0.0	0.0	0.0
Harrisonburg	2	1	1	1	1		16.6	11.8	83.3
Lexington							0.0	0.0	0.0
Staunton	3	2	1	1		1	15.1	8.8	54.1
Waynesboro	1	1		1	1		9.0	10.3	0.0
District 7	5	5		7	7		6.4	6.7	0.0
Clarke							0.0	0.0	0.0
Frederick	1	1		2	2		5.5	5.6	0.0
Page	1	1		4	4		19.7	20.2	0.0
Shenandoah	2	2					5.4	5.4	0.0
Warren	1	1		1	1		6.5	7.0	0.0
Winchester							0.0	0.0	0.0
District 8	104	81	23	54	43	11	9.1	8.5	11.6
Arlington	10	6	4	3	2	1	6.5	5.1	11.5
Fairfax	46	40	6	29	23	6	8.5	8.4	9.0
Loudoun	2	2		4	2	2	6.5	4.8	24.1
Prince William	20	19	1	7	7		8.7	9.6	2.4
Alexandria	19	8	11	5	3	2	16.7	12.5	23.2
Fairfax City	3	3		1	1		10.8	11.9	0.0
Falls Church	1	1					8.6	9.3	0.0
Manassas	3	2	1	5	5		20.6	20.5	20.8
Manassas Park							0.0	0.0	0.0
District 9	11	8	3	7	6	1	12.8	12.4	14.5
Culpeper	6	5	1				17.3	19.0	11.9
Fauquier	3	1	2	3	3		10.4	8.3	21.5
Madison	1	1		1	1		13.0	16.3	0.0
Orange	1	1		2	1	1	11.5	10.2	15.6
Rappahannock				1	1		14.7	15.6	0.0
District 10	11	9	2	18	14	4	13.9	14.3	12.7
Albemarle	7	6	1	3	3		12.5	12.9	9.4
Fluvanna							0.0	0.0	0.0
Greene				1	1		6.4	7.2	0.0
Louisa	2	2		6	4	2	31.4	35.5	23.3
Nelson	1	1		3	3		24.4	31.3	0.0
Charlottesville	1		1	5	3	2	11.0	8.0	17.8
District 11	19	14	5	15	9	6	13.5	12.1	17.7
Amherst	1	1		1	1		5.4	6.8	0.0
Appomattox	1	1		1		1	13.0	9.1	22.7
Bedford	4	4		3	3		15.3	17.8	0.0
Campbell	7	6	1	4	4		19.1	21.1	9.9
Bedford City							0.0	0.0	0.0
Lynchburg	6	2	4	6	1	5	13.3	5.1	28.8

(continued)

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981 (continued)

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	625	379	246	444	283	161	13.4	11.2	19.7
District 12	26	14	12	22	10	12	15.6	11.8	23.1
Franklin	6	5	1	2	1	1	18.6	17.0	25.6
Henry	3	3		1	1		5.7	7.9	0.0
Patrick	2	1	1				10.8	6.1	43.5
Pittsylvania	7	2	5	9	5	4	17.3	12.5	24.7
Danville	5	3	2	10	3	7	25.3	18.3	34.1
Martinsville	3		3				12.3	0.0	25.6
District 13	10	8	2	8	2	6	16.1	19.2	13.4
Brunswick	3	2	1	3		3	26.5	25.6	27.0
Halifax	2	2		4	1	3	14.5	15.2	13.8
Mecklenburg	3	3		1	1		10.6	20.2	0.0
South Boston	2	1	1				20.0	21.3	18.9
District 14	9	6	3	10	4	6	17.6	18.0	17.1
Amelia	2	2		1	1		23.8	41.1	0.0
Buckingham				1		1	6.7	0.0	13.0
Charlotte	1	1		1		1	11.7	9.9	14.3
Cumberland				1		1	10.8	0.0	20.4
Lunenburg	1		1	3	2	1	22.3	21.1	23.8
Nottoway	1		1	2	1	1	16.9	11.4	22.5
Prince Edward	4	3	1	1		1	26.7	36.1	19.2
District 15	88	36	52	48	26	22	14.5	10.3	22.1
Charles City Co.							0.0	0.0	0.0
Chesterfield	14	8	6	15	12	3	12.4	9.7	32.5
Goochland	3	2	1	1		1	26.0	19.6	38.5
Hanover	8	7	1				12.1	12.7	9.4
Henrico	13	8	5	16	11	5	12.1	10.1	19.4
New Kent				1	1		8.0	10.5	0.0
Powhatan							0.0	0.0	0.0
Richmond City	50	11	39	15	2	13	19.0	11.0	23.1
District 16	18	13	5	9	6	3	15.3	13.1	25.7
Caroline	4	3	1				16.6	20.7	10.4
King George	2	1	1				12.6	9.0	20.8
Spotsylvania	5	5		3	2	1	13.9	14.1	12.5
Stafford	3	2	1	4	4		11.7	10.8	25.6
Fredericksburg	4	2	2	2		2	31.9	14.3	83.3
District 17	2		2	4	3	1	11.2	10.6	12.0
Lancaster				2	2		14.7	27.4	0.0
Northumberland				1		1	8.3	0.0	17.5
Richmond				1	1		11.6	17.9	0.0
Westmoreland	2		2				10.4	0.0	19.8
District 18	5	3	2	6	4	2	13.5	11.6	19.1
Essex	2	1	1	2	1	1	29.6	25.6	35.1
Gloucester	2	2		3	3		15.8	18.5	0.0
King and Queen							0.0	0.0	0.0
King William	1		1	1		1	15.5	0.0	46.5
Mathews							0.0	0.0	0.0
Middlesex							0.0	0.0	0.0
District 19	25	10	15	19	6	13	18.8	13.6	24.1
Dinwiddie	2	1	1				8.4	7.5	9.6
Greensville	2	1	1	1		1	19.6	18.2	20.4
Prince George	4	3	1	4	2	2	22.0	20.7	24.6
Surry							0.0	0.0	0.0
Sussex	4	1	3	1		1	35.0	20.0	43.0
Colonial Heights	1	1					5.0	5.3	0.0
Emporia				1	1		13.3	45.5	0.0
Hopewell	2	1	1	5	3	2	17.3	14.0	25.4
Petersburg	10	2	8	7		7	25.4	12.0	29.9
District 20	154	71	83	74	36	38	15.1	11.1	22.1
Isle of Wight	1	1					3.4	6.3	0.0
Southampton				2	1	1	9.0	9.3	8.8
Chesapeake	20	8	12	11	7	4	15.7	12.0	21.9
Franklin City	2		2	1		1	25.2	0.0	39.5
Norfolk	52	22	30	30	12	18	16.0	11.6	21.9
Portsmouth	28	9	19	6	2	4	17.3	11.8	22.4
Suffolk	15	4	11	9	3	6	32.8	21.7	41.6
Virginia Beach	36	27	9	15	11	4	10.9	9.8	16.6
District 21	56	28	28	40	20	20	16.2	12.8	22.1
James City Co.	3		3	2	1	1	15.6	4.5	41.7
York	4	2	2	3	2	1	22.4	17.2	37.5
Hampton	23	10	13	20	10	10	20.9	15.8	29.0
Newport News	23	14	9	14	6	8	12.4	11.0	14.8
Poquoson	2	2					17.1	17.4	0.0
Williamsburg	1		1	1	1		15.4	13.2	18.5
District 22	3	1	2	6	2	4	14.5	11.2	16.9
Accomack	3	1	2	1		1	9.3	5.2	12.7
Northampton				5	2	3	26.0	27.4	25.2
Unknown				1		1			

$$\text{Perinatal rate} = \frac{\text{Infant Deaths Under One Week} + \text{Fetal Deaths 28 Weeks and Over}}{\text{Live Births} + \text{Fetal Deaths 28 Weeks and Over}} \times 1{,}000$$

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1981

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	1,000	360	264	199	177	1,261.4	1,185.0	928.2	1,898.3	1,774.4
Certain intestinal infections (008-009)	4		2	1	1	5.0	0.0	7.0	9.5	10.0
Whooping cough (033)						0.0	0.0	0.0	0.0	0.0
Meningococcal infections (036)	3	3				3.8	9.9	0.0	0.0	0.0
Septicemia (038)	7	4		1	2	8.8	13.2	0.0	9.5	20.1
Viral diseases (045-079)	2	2				2.5	6.6	0.0	0.0	0.0
Congenital syphilis (090)						0.0	0.0	0.0	0.0	0.0
Other infectious and parasitic diseases (Residual of 001-139)	5	2	1	1	1	6.3	6.6	3.5	9.5	10.0
Malignant neoplasms (140-208)						0.0	0.0	0.0	0.0	0.0
Benign neoplasms and neoplasms of unspecified nature (210-239)	2	1			1	2.5	3.3	0.0	0.0	10.0
Diseases of thymus gland (254)						0.0	0.0	0.0	0.0	0.0
Cystic fibrosis (277.0)						0.0	0.0	0.0	0.0	0.0
Diseases of blood and blood-forming organs (280-289)						0.0	0.0	0.0	0.0	0.0
Meningitis (320-322)	9	3		2	4	11.4	9.9	0.0	19.1	40.1
Other diseases of nervous system and sense organs (323-389)	8	3	3	2		10.1	9.9	10.5	19.1	0.0
Acute upper respiratory infections (460-465)						0.0	0.0	0.0	0.0	0.0
Bronchitis and bronchiolitis (466,490-491)	4	1	2		1	5.0	3.3	7.0	0.0	10.0
Pneumonia and Influenza (480-487)	17	6	2	4	5	21.4	19.8	7.0	38.2	50.1
Pneumonia (480-486)	16	5	2	4	5	20.2	16.5	7.0	38.2	50.1
Influenza (487)	1	1				1.3	3.3	0.0	0.0	0.0
Other diseases of respiratory system (470-478,492-519)	4	1	1	1	1	5.0	3.3	3.5	9.5	10.0
Hernia and intestinal obstruction (550-553,560)	3	2	1			3.8	6.6	3.5	0.0	0.0
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3		1	2		3.8	0.0	3.5	19.1	0.0
Other diseases of digestive system (520-534,536-543,562-579)	1			1		1.3	0.0	0.0	9.5	0.0
Congenital Anomalies (740-759)	198	85	63	27	23	249.8	279.8	221.5	257.6	230.6
Anencephalus (740)	14	4	6	2	2	17.7	13.2	21.1	19.1	20.1
Spina bifida (741)	9	3	4	1	1	11.4	9.9	14.1	9.5	10.0
Congenital hydrocephalus (742.3)	5	2	1		2	6.3	6.6	3.5	0.0	20.1
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	1	2	1	2	7.6	3.3	7.0	9.5	20.1
Anomalies of heart (745-746)	58	25	22	7	4	73.2	82.3	77.4	66.8	40.1
Other anomalies of circulatory system (747)	26	11	6	5	4	32.8	36.2	21.1	47.7	40.1
Anomalies of respiratory system (748)	18	10	2	4	2	22.7	32.9	7.0	38.2	20.1
Anomalies of digestive system (749-751)	3	3				3.8	9.9	0.0	0.0	0.0
Anomalies of genitourinary system (752-753)	12	7	3	1	1	15.1	23.0	10.5	9.5	10.0
Anomalies of musculoskeletal system (754-756)	9	3	2	3	1	11.4	9.9	7.0	28.6	10.0
Down's syndrome (758.0)	2			1	1	2.5	0.0	0.0	9.5	10.0
Other chromosomal anomalies (758.1-758.9)	12	2	7	2	1	15.1	6.6	24.6	19.1	10.0
Other and unspecified anomalies (744,757,759)	24	14	8		2	30.3	46.1	28.1	0.0	20.1

(continued)

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1981 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths Total	Infant Deaths White Male	Infant Deaths White Female	Infant Deaths Nonwh Male	Infant Deaths Nonwh Female	Rates Total	Rates White Male	Rates White Female	Rates Nonwh Male	Rates Nonwh Female
STATE OF VIRGINIA	1,000	360	264	199	177	1,261.4	1,185.0	928.2	1,898.3	1,774.4
Certain Conditions Originating in the Perinatal Period (760-779)	556	181	145	123	107	701.3	595.8	509.8	1,173.3	1,072.7
Maternal conditions unrelated to present pregnancy (760)	3	1	1	1		3.8	3.3	3.5	9.5	0.0
Maternal complications of pregnancy (761)	39	10	9	11	9	49.2	32.9	31.6	104.9	90.2
Complications of placenta, cord, and membranes (762)	18	1	9	3	5	22.7	3.3	31.6	28.6	50.1
Other complications of labor and delivery (763)	3	1		1	1	3.8	3.3	0.0	9.5	10.0
Slow fetal growth and fetal malnutrition (764)	7		3	4		8.8	0.0	10.5	38.2	0.0
Disorders relating to short gestation and low birthweight (765)	122	34	22	28	38	153.9	111.9	77.4	267.1	381.0
Disorders relating to long gestation and high birthweight (766)						0.0	0.0	0.0	0.0	0.0
Birth trauma (767)	17	5	10		2	21.4	16.5	35.2	0.0	20.1
Intrauterine Hypoxia and Birth Asphyxia (768)	23	10	7	2	4	29.0	32.9	24.6	19.1	40.1
Fetal distress in liveborn infant (768.2-768.4)	3	2	1			3.8	6.6	3.5	0.0	0.0
Birth asphyxia (768.5-768.9)	20	8	6	2	4	25.2	26.3	21.1	19.1	40.1
Respiratory distress syndrome (769)	83	39	21	15	8	104.7	128.4	73.8	143.1	80.2
Other respiratory conditions (770)	103	31	32	18	22	129.9	102.0	112.5	171.7	220.6
Infections specific to perinatal period (771)	29	10	7	9	3	36.6	32.9	24.6	85.9	30.1
Neonatal hemorrhage (772)	18	7	7	3	1	22.7	23.0	24.6	28.6	10.0
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1	1				1.3	3.3	0.0	0.0	0.0
Syndrome of "Infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)						0.0	0.0	0.0	0.0	0.0
Hemorrhagic disease (776.0)						0.0	0.0	0.0	0.0	0.0
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	90	31	17	28	14	113.5	102.0	59.8	267.1	140.4
Symptoms and Ill-defined Conditions (780-799)	105	42	25	20	18	132.4	138.3	87.9	190.8	180.5
Sudden infant death syndrome (798.0)	99	39	24	20	16	124.9	128.4	84.4	190.8	160.4
Symptoms and all ill defined conditions (780-797,798.1-799)	6	3	1		2	7.6	9.9	3.5	0.0	20.1
Accidents (E800-E949)	15	4	5	6		18.9	13.2	17.6	57.2	0.0
Motor vehicle (E810-E825)	5	2	1	2		6.3	6.6	3.5	19.1	0.0
Inhalation or ingestion of food or object (E911-E912)	3		3			3.8	0.0	10.5	0.0	0.0
Mechanical suffocation (E913)	2		1	1		2.5	0.0	3.5	9.5	0.0
Other accidents (Residual of E800-E949)	5	2		3		6.3	6.6	0.0	28.6	0.0
Homicide (E960-E969)	9	3		2	4	11.4	9.9	0.0	19.1	40.1
Child battering and other maltreatment (E967)	3	1		1	1	3.8	3.3	0.0	9.5	10.0
Other homicide (E960-E966,E968-E969)	6	2		1	3	7.6	6.6	0.0	9.5	30.1
All other causes	45	17	13	6	9	56.8	56.0	45.7	57.2	90.2

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1981

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	1,000	450	175	50	27	22	724	71	61	87	38	19
Certain intestinal infections (008-009)	4							2	2			
Whooping cough (033)												
Meningococcal infections (036)	3								1	1		1
Septicemia (038)	7							4	2			1
Viral diseases (045-079)	2	1		1			2					
Congenital syphilis (090)												
Other infectious and parasitic diseases (Residual of 001-139)	5					1	1	3		1		
Malignant neoplasms (140-208)												
Benign neoplasms and neoplasms of unspecified nature (210-239)	2							1		1		
Diseases of thymus gland (254)												
Cystic fibrosis (277.0)												
Diseases of blood and blood-forming organs (280-289)												
Meningitis (320-322)	9			1			1	2		2	4	
Other diseases of nervous system and sense organs (323-389)	8							1	2	4		1
Acute upper respiratory infections (460-465)												
Bronchitis and bronchiolitis (466,490-491)	4			1			1			2	1	
Pneumonia and Influenza (480-487)	17	2		2	1		5		6	2	2	2
Pneumonia (480-486)	16	2		2	1		5		5	2	2	2
Influenza (487)	1								1			
Other diseases of respiratory system (470-478,492-519)	4								2	1		1
Hernia and intestinal obstruction (550-553,560)	3	2					2			1		
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3								1		1	1
Other diseases of digestive system (520-534,536-543,562-579)	1										1	
Congenital Anomalies (740-759)	198	72	50	13	5	8	148	16	11	10	10	3
Anencephalus (740)	14	12	2				14					
Spina bifida (741)	9	4	1				5	1	3			
Congenital hydrocephalus (742.3)	5		1	1			2	2			1	
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	2					2	1	1		2	
Anomalies of heart (745-746)	58	5	18	6	3	5	37	5	4	4	6	2
Other anomalies of circulatory system (747)	26	2	18	3	1	1	25			1		
Anomalies of respiratory system (748)	18	14	1		1		16			1	1	
Anomalies of digestive system (749-751)	3					1	1		1	1		
Anomalies of genitourinary system (752-753)	12	11	1				12					
Anomalies of musculoskeletal system (754-756)	9	5	3				8	1				
Down's syndrome (758.0)	2			1			1		1			
Other chromosomal anomalies (758.1-758.9)	12	2	2	1		1	6	4		2		
Other and unspecified anomalies (744,757,759)	24	15	3	1			19	2	1	1		1

(continued)

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1981 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	1,000	450	175	50	27	22	724	71	61	87	38	19
Certain Conditions Originating in the Perinatal Period (760-779)	556	366	114	29	16	9	534	10	3	6	2	1
Maternal conditions unrelated to present pregnancy (760)	3	3					3					
Maternal complications of pregnancy (761)	39	36	3				39					
Complications of placenta, cord, and membranes (762)	18	18					18					
Other complications of labor and delivery (763)	3	3					3					
Slow fetal growth and fetal malnutrition (764)	7	4	2			1	7					
Disorders relating to short gestation and low birthweight (765)	122	119	3				122					
Disorders relating to long gestation and high birthweight (766)												
Birth trauma (767)	17	4	8	2	3		17					
Intrauterine Hypoxia and Birth Asphyxia (768)	23	16	5				21	1	1			
Fetal distress in liveborn infant (768.2-768.4)	3	2	1				3					
Birth asphyxia (768.5-768.9)	20	14	4				18	1	1			
Respiratory distress syndrome (769)	83	32	36	7	3	2	80	1	1	1		
Other respiratory conditions (770)	103	60	25	4	2		91	4	1	5	1	1
Infections specific to perinatal period (771)	29	9	8	6	2	2	27	1			1	
Neonatal hemorrhage (772)	18	2	10	3	3		18					
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1			1			1					
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)												
Hemorrhagic disease (776.0)												
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	90	60	14	6	3	4	87	3				
Symptoms and Ill-defined Conditions (780-799)	105	2	1		1	4	8	25	27	39	5	1
Sudden infant death syndrome (798.0)	99	1	1		1	4	7	23	26	38	4	1
Symptoms and all ill-defined conditions (780-797,798.1-799)	6	1					1	2	1	1	1	
Accidents (E800-E949)	15							1	1	7	4	2
Motor vehicle (E810-E825)	5									4	1	
Inhalation or ingestion of food or object (E911-E912)	3									2	1	
Mechanical suffocation (E913)	2										2	
Other accidents (Residual of E800-E949)	5							1	1	1		2
Homicide (E960-E969)	9	4			1		5			1	2	1
Child battering and other maltreatment (E967)	3										2	1
Other homicide (E960-E966,E968-E969)	6	4			1		5			1		
All other causes	45	1	10	3	3		17	6	3	9	6	4

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	41,521	32,239	9,282	42,199	32,954	9,245	7.8	7.7	8.2
District 1	688	674	14	962	943	19	9.6	9.6	11.5
Lee	189	189		266	265	1	10.1	10.1	6.5
Scott	55	55		243	240	3	9.6	9.6	16.5
Wise	269	262	7	409	398	11	9.3	9.2	10.6
Norton	175	168	7	44	40	4	9.6	9.3	14.4
District 2	780	762	18	1,133	1,107	26	8.0	7.9	11.9
Buchanan	187	187		267	267		7.0	7.0	0.0
Dickenson	67	67		175	174	1	8.7	8.7	7.4
Russell	138	137	1	235	230	5	7.3	7.3	14.2
Tazewell	388	371	17	456	436	20	8.9	8.8	13.0
District 3	1,600	1,557	43	1,821	1,765	56	10.0	10.0	11.0
Bland	12	11	1	60	58	2	9.4	9.4	9.1
Carroll	52	52		258	256	2	9.1	9.1	13.4
Grayson	55	54	1	180	177	3	11.5	11.7	5.5
Smyth	399	391	8	346	341	5	10.4	10.4	7.2
Washington	376	366	10	402	392	10	8.4	8.4	10.5
Wythe	234	224	10	275	262	13	10.7	10.6	13.2
Bristol	213	208	5	218	201	17	12.0	11.8	14.4
Galax	259	251	8	82	78	4	12.1	12.1	11.7
District 4	826	777	49	988	925	63	6.9	6.8	9.1
Floyd	38	37	1	97	95	2	8.1	8.2	4.7
Giles	96	92	4	153	150	3	8.6	8.6	7.3
Montgomery	281	268	13	333	317	16	5.1	5.1	5.3
Pulaski	225	201	24	314	282	32	8.9	8.5	15.9
Radford	186	179	7	91	81	10	6.6	6.4	9.9
District 5	3,244	2,849	395	2,527	2,202	325	9.9	9.8	10.9
Alleghany	260	243	17	108	104	4	7.6	7.5	9.9
Botetourt	78	71	7	204	186	18	8.5	8.1	14.8
Craig	11	11		51	51		13.8	13.8	0.0
Roanoke	268	255	13	537	520	17	7.2	7.2	8.0
Clifton Forge	55	51	4	78	68	10	15.9	16.6	12.5
Covington	15	12	3	108	89	19	12.4	11.8	16.0
Roanoke City	1,694	1,456	238	1,216	976	240	12.1	12.5	10.5
Salem	863	750	113	225	208	17	9.4	9.1	14.3
District 6	1,765	1,672	93	1,835	1,731	104	8.7	8.7	9.7
Augusta	187	175	12	448	434	14	8.2	8.3	6.1
Bath	32	27	5	63	57	6	11.9	11.9	11.5
Highland	12	12		35	35		12.1	12.1	0.0
Rockbridge	51	48	3	171	163	8	9.4	9.3	12.8
Rockingham	160	158	2	439	433	6	7.5	7.6	5.5
Buena Vista	16	14	2	70	65	5	10.6	10.3	18.3
Harrisonburg	510	498	12	142	135	7	6.9	7.0	6.4
Lexington	125	118	7	58	46	12	8.7	7.9	13.5
Staunton	410	379	31	252	222	30	11.5	11.4	11.6
Waynesboro	262	243	19	157	141	16	10.5	10.3	11.9
District 7	1,288	1,231	57	1,297	1,245	52	9.8	9.8	8.6
Clarke	51	45	6	110	91	19	11.1	10.4	16.2
Frederick	50	46	4	244	242	2	7.1	7.2	3.4
Page	121	118	3	213	208	5	10.9	11.0	8.8
Shenandoah	213	212	1	287	284	3	10.4	10.5	6.6
Warren	169	158	11	184	173	11	8.6	8.6	8.3
Winchester	684	652	32	259	247	12	13.0	13.7	6.2
District 8	5,011	4,455	556	5,410	4,857	553	4.7	4.9	3.6
Arlington	1,205	1,064	141	1,068	967	101	7.0	7.6	3.8
Fairfax	1,861	1,726	135	2,494	2.339	155	4.0	4.3	2.2
Loudoun	262	233	29	318	279	39	5.5	5.4	6.5
Prince William	265	230	35	468	416	52	3.1	3.1	3.1
Alexandria	891	719	172	763	576	187	7.2	7.5	6.4
Fairfax City	248	234	14	121	117	4	6.2	6.4	3.1
Falls Church	25	22	3	58	55	3	6.1	6.2	4.5
Manassas	254	227	27	89	80	9	5.3	5.4	4.9
Manassas Park				31	28	3	4.8	4.7	7.9
District 9	577	460	117	829	651	178	8.9	8.5	10.8
Culpeper	203	170	33	232	180	52	10.3	10.1	10.9
Fauquier	247	192	55	265	198	67	7.2	6.5	11.1
Madison	45	33	12	94	77	17	9.3	9.3	9.2
Orange	70	56	14	175	141	34	9.6	9.4	10.5
Rappahannock	12	9	3	63	55	8	10.7	10.5	11.7
District 10	1,579	1,252	327	1,221	935	286	8.4	7.9	10.6
Albemarle	959	752	207	380	306	74	6.7	6.1	10.7
Fluvanna	37	23	14	84	54	30	8.2	7.5	9.8
Greene	25	19	6	65	54	11	8.6	7.7	18.3
Louisa	67	46	21	193	139	54	10.8	11.6	9.2
Nelson	60	47	13	149	112	37	12.1	12.0	12.5
Charlottesville	431	365	66	350	270	80	8.8	8.3	10.6
District 11	1,837	1,446	391	1,835	1,468	367	9.3	9.3	9.6
Amherst	97	75	22	231	165	66	7.9	7.2	10.7
Appomattox	43	35	8	109	91	18	9.2	10.0	6.5
Bedford	85	69	16	277	239	38	7.7	7.5	9.1
Campbell	90	75	15	333	282	51	7.2	7.2	7.1
Bedford City	177	148	29	120	103	17	19.0	20.4	13.7
Lynchburg	1,345	1,044	301	765	588	177	11.4	11.6	10.7

(continued)

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	41,521	32,239	9,282	42,199	32,954	9,245	7.8	7.7	8.2
District 12	1,963	1,507	456	2,190	1,701	489	9.1	9.4	8.3
Franklin	200	175	25	292	257	35	8.2	8.2	8.0
Henry	64	49	15	419	325	94	7.4	7.5	7.0
Patrick	134	126	8	155	147	8	8.9	9.1	5.7
Pittsylvania	174	128	46	545	409	136	8.2	8.9	6.8
Danville	926	675	251	585	430	155	12.8	13.5	11.2
Martinsville	465	354	111	194	133	61	10.8	10.9	10.7
District 13	766	455	311	930	548	382	11.4	11.8	10.8
Brunswick	51	20	31	184	91	93	11.6	13.6	10.2
Halifax	85	61	24	306	203	103	10.0	11.1	8.4
Mecklenburg	344	197	147	351	201	150	12.2	11.8	12.9
South Boston	286	177	109	89	53	36	12.9	12.2	14.2
District 14	547	318	229	908	533	375	10.9	10.6	11.3
Amelia	26	13	13	88	47	41	10.9	9.5	13.0
Buckingham	48	30	18	115	74	41	9.7	10.9	8.2
Charlotte	53	32	21	133	80	53	11.1	10.9	11.4
Cumberland	19	9	10	74	31	43	9.4	6.9	12.6
Lunenburg	53	31	22	151	95	56	12.4	12.9	11.6
Nottoway	93	50	43	179	108	71	12.3	12.2	12.4
Prince Edward	255	153	102	168	98	70	10.1	9.5	11.0
District 15	6,476	4,514	1,962	5,500	3,914	1,586	8.5	8.5	8.7
Charles City Co.	14	6	8	42	12	30	6.3	8.6	5.7
Chesterfield	452	398	54	700	629	71	4.7	4.7	4.3
Goochland	39	23	16	116	65	51	9.8	8.7	11.8
Hanover	137	116	21	376	307	69	7.4	6.9	10.0
Henrico	1,910	1,616	294	1,576	1,426	150	8.5	9.2	4.9
New Kent	16	12	4	55	39	16	6.2	6.0	6.6
Powhatan	26	16	10	79	51	28	6.0	5.2	8.3
Richmond City	3,882	2,327	1,555	2,556	1,385	1,171	11.7	13.3	10.3
District 16	722	596	126	834	663	171	6.8	6.7	7.5
Caroline	69	44	25	174	98	76	9.7	9.9	9.5
King George	22	17	5	83	64	19	7.7	7.8	7.4
Spotsylvania	84	73	11	198	163	35	5.5	5.4	6.2
Stafford	88	80	8	207	193	14	4.9	5.0	4.0
Fredericksburg	459	382	77	172	145	27	11.2	12.0	8.4
District 17	330	253	77	552	387	165	13.5	14.5	11.5
Lancaster	212	165	47	165	117	48	16.3	17.4	14.2
Northumberland	44	33	11	132	90	42	13.2	13.5	12.4
Richmond	21	14	7	87	65	22	12.8	14.1	10.1
Westmoreland	53	41	12	168	115	53	11.9	13.2	9.8
District 18	507	344	163	680	477	203	11.1	10.8	11.9
Essex	145	84	61	101	60	41	11.6	11.7	11.5
Gloucester	217	160	57	194	152	42	9.2	8.6	12.4
King and Queen	23	11	12	80	40	40	13.6	12.8	14.4
King William	27	17	10	87	55	32	9.1	9.0	9.2
Mathews	48	38	10	124	100	24	15.3	15.1	16.4
Middlesex	47	34	13	94	70	24	11.9	12.5	10.4
District 19	1,395	858	537	1,437	875	562	8.8	9.2	8.3
Dinwiddie	138	82	56	175	100	75	7.8	7.8	7.7
Greensville	26	10	16	87	38	49	7.8	7.9	7.8
Prince George	59	47	12	98	64	34	3.7	3.6	3.7
Surry	19	4	15	59	25	34	9.8	11.1	9.1
Sussex	32	17	15	109	41	68	10.3	9.9	10.5
Colonial Heights	57	52	5	152	148	4	9.2	9.1	11.7
Emporia	177	79	98	72	44	28	14.1	14.5	13.5
Hopewell	230	192	38	222	189	33	9.3	10.1	6.5
Petersburg	657	375	282	463	226	237	11.5	15.0	9.5
District 20	6,412	4,158	2,254	6,296	4,049	2,247	7.3	6.9	8.4
Isle of Wight	49	27	22	195	112	83	8.8	8.6	9.0
Southampton	40	22	18	173	82	91	9.5	8.7	10.3
Chesapeake	496	362	134	826	582	244	7.0	7.0	7.2
Franklin City	161	93	68	81	40	41	10.9	12.2	10.0
Norfolk	2,909	1,741	1,168	2,230	1,324	906	8.3	8.1	8.6
Portsmouth	1,301	819	482	985	543	442	9.5	9.7	9.2
Suffolk	415	194	221	513	245	268	10.8	10.0	11.8
Virginia Beach	1,041	900	141	1,293	1,121	172	4.7	4.7	4.7
District 21	2,730	1,801	929	2,414	1,598	816	6.9	6.7	7.4
James City Co.	140	85	55	138	88	50	5.8	5.3	7.2
York	38	26	12	199	154	45	5.4	5.2	6.4
Hampton	983	584	399	857	564	293	6.9	7.1	6.6
Newport News	1,358	943	415	1,099	684	415	7.5	7.1	8.4
Poquoson	7	7		44	44		4.8	4.9	0.0
Williamsburg	204	156	48	77	64	13	7.5	7.2	10.1
District 22	478	300	178	600	380	220	13.2	14.2	11.7
Accomack	152	107	45	394	270	124	12.8	13.9	10.9
Northampton	326	193	133	206	110	96	14.0	15.1	13.0

TABLE 40
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1972-1981

TUBERCULOSIS, ALL FORMS (010-019) 010-018

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	94	2.0	43	1.1	51	5.7
1973	87	1.8	45	1.1	42	4.7
1974	92	1.9	45	1.1	47	5.3
1975	81	1.6	33	0.8	48	5.3
1976	77	1.5	30	0.7	47	5.0
1977	71	1.4	35	0.8	36	3.8
1978	60	1.2	30	0.7	30	3.0
1979	44	0.8	18	0.4	26	2.3
1980	48	0.9	20	0.5	28	2.5
1981	42	0.8	24	0.6	18	1.6

SYPHILIS (090-097) 090-097

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	10	0.2	3	0.1	7	0.8
1973	15	0.3	5	0.1	10	1.1
1974	11	0.2	3	0.1	8	0.9
1975	4	0.1	1	*	3	0.3
1976	7	0.1	2	*	5	0.5
1977	10	0.2	5	0.1	5	0.5
1978	8	0.2	4	0.1	4	0.4
1979	5	0.1	3	0.1	2	0.2
1980	8	0.1	3	0.1	5	0.4
1981		0.0		0.0		0.0

MALIGNANT NEOPLASMS (140-209) 140-208

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	7,158	150.3	5,597	144.6	1,561	174.9
1973	7,344	152.7	5,733	146.2	1,611	181.1
1974	7,581	154.5	5,985	149.1	1,596	178.8
1975	7,463	150.3	5,863	144.1	1,600	178.2
1976	7,533	149.7	5,861	143.1	1,672	178.6
1977	7,962	155.1	6,187	147.9	1,775	186.7
1978	8,117	157.7	6,292	151.5	1,825	183.3
1979	8,628	164.0	6,799	163.7	1,829	165.2
1980	9,139	170.9	7,144	168.9	1,995	178.7
1981	9,090	167.4	7,147	166.4	1,943	171.3

DIABETES MELLITUS (250) 250

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	712	14.9	486	12.6	226	25.3
1973	724	15.0	507	12.9	217	24.4
1974	741	15.1	500	12.5	241	27.0
1975	627	12.6	437	10.7	190	21.2
1976	620	12.3	428	10.5	192	20.5
1977	632	12.3	436	10.4	196	20.6
1978	629	12.2	401	9.7	228	22.9
1979	597	11.4	389	9.4	208	18.8
1980	691	12.9	456	10.8	235	21.0
1981	633	11.7	409	9.5	224	19.8

DISEASES OF HEART (390-398,402,404,410-429) 390-398,402,404-429

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	14,751	309.6	11,784	304.4	2,967	332.4
1973	14,945	310.6	11 875	302.8	3,070	345.1
1974	14,766	300.9	11,766	293.0	3,000	336.1
1975	14,587	293.7	11,646	286.2	2,941	327.6
1976	14,895	296.0	11,899	290.5	2,996	320.0
1977	14,460	281.6	11,573	276.6	2,887	303.7
1978	15,275	296.7	12,270	295.5	3,005	301.9
1979	15,366	292.2	12,297	296.2	3,069	277.2
1980	15,733	294.3	12,510	295.8	3,223	288.7
1981	15,442	284.4	12,370	288.0	3,072	270.9

HYPERTENSION (400-401,403) 401,403

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	178	3.7	93	2.4	85	9.5
1973	178	3.7	104	2.7	74	8.3
1974	153	3.1	89	2.2	64	7.2
1975	113	2.3	71	1.7	42	4.7
1976	113	2.2	63	1.5	50	5.3
1977	109	2.1	65	1.6	44	4.6
1978	110	2.1	70	1.7	40	4.0
1979	140	2.7	87	2.1	53	4.8
1980	156	2.9	88	2.1	68	6.1
1981	174	3.2	107	2.5	67	5.9

CEREBROVASCULAR DISEASE (430-438) 430-438

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	4,466	93.7	3,335	86.1	1,131	126.7
1973	4,422	91.9	3,308	84.4	1,114	125.2
1974	4,238	86.3	3,183	79.3	1,055	118.2
1975	3,932	79.2	2,925	71.9	1,007	112.2
1976	3,958	78.7	3,016	73.6	942	100.6
1977	3,852	75.0	2,871	68.6	981	103.2
1978	3,746	72.8	2,846	68.5	900	90.4
1979	3,715	70.6	2,775	66.8	940	84.9
1980	3,750	70.1	2,837	67.1	913	81.8
1981	3,819	70.3	2,940	68.4	879	77.5

ATHEROSCLEROSIS (440) 440

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	630	13.2	528	13.6	102	11.4
1973	709	14.7	580	14.8	129	14.5
1974	643	13.1	515	12.8	128	14.3
1975	569	11.5	463	11.4	106	11.8
1976	583	11.6	488	11.9	95	10.1
1977	611	11.9	501	12.0	110	11.6
1978	563	10.9	459	11.1	104	10.4
1979	574	10.9	470	11.3	104	9.4
1980	579	10.8	475	11.2	104	9.3
1981	537	9.9	454	10.6	83	7.3

OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448) 441-448

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	526	11.0	442	11.4	84	9.4
1973	571	11.9	487	12.4	84	9.4
1974	562	11.5	477	11.9	85	9.5
1975	562	11.3	464	11.4	98	10.9
1976	571	11.3	466	11.4	105	11.2
1977	509	9.9	430	10.3	79	8.3
1978	566	11.0	468	11.3	98	9.8
1979	411	7.8	355	8.5	56	5.1
1980	394	7.4	326	7.7	68	6.1
1981	417	7.7	348	8.1	69	6.1

PNEUMONIA AND INFLUENZA (470-474,480-486) 480-487

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1972	1,516	31.8	1,134	29.3	382	42.8
1973	1,507	31.3	1,132	28.9	375	42.2
1974	1,354	27.6	1,006	25.1	348	9.0
1975	1,293	26.0	1,011	24.8	282	31.4
1976	1,394	27.7	1,093	26.7	301	32.1
1977	1,121	21.8	865	20.7	256	26.9
1978	1,292	25.1	1,039	25.0	253	25.4
1979	1,025	19.5	793	19.1	232	21.0
1980	1,149	21.5	901	21.3	248	22.2
1981	1,252	23.1	1,016	23.7	236	20.8

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1972-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1981.

*Less than 0.05 per 100,000 population

(continued)

TABLE 40
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1972-1981 (continued)

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
	BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493) 490-493					
1972	557	11.7	500	12.9	57	6.4
1973	554	11.5	483	12.3	71	8.0
1974	539	11.0	466	11.6	73	8.2
1975	443	8.9	371	9.1	72	8.0
1976	438	8.7	380	9.3	58	6.2
1977	408	7.9	349	8.3	59	6.2
1978	434	8.4	373	9.0	61	6.1
1979	345	6.6	302	7.3	43	3.9
1980	370	6.9	332	7.8	38	3.4
1981	403	7.4	350	8.1	53	4.7
	CHRONIC LIVER DISEASE AND CIRRHOSIS (571) 571					
1972	666	14.0	532	13.7	134	15.0
1973	727	15.1	559	14.3	168	18.9
1974	686	14.0	517	12.9	169	18.9
1975	634	12.8	514	12.6	120	13.4
1976	629	12.5	476	11.6	153	16.3
1977	538	10.5	410	9.8	128	13.5
1978	553	10.7	413	9.0	140	14.1
1979	559	10.6	446	10.7	113	10.2
1980	608	11.4	472	11.2	136	12.2
1981	555	10.2	437	10.2	118	10.4
	COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND PUERPERIUM** (630-678) 630-676					
1972	14	18.6	6	10.4	8	45.4
1973	13	18.1	4	7.3	9	53.6
1974	8	11.3	3	5.5	5	29.7
1975	9	12.9	3	5.6	6	35.7
1976	6	8.6	2	3.8	4	23.6
1977	11	14.8	10	18.0	1	5.4
1978	7	9.5	2	3.6	5	27.1
1979	7	9.1	4	7.1	3	14.9
1980	3	3.8	1	1.7	2	9.8
1981	6	7.6	2	3.4	4	19.6
	CONGENITAL ANOMALIES (740-759) 740-759					
1972	369	7.7	298	7.7	71	8.0
1973	313	6.5	239	6.1	74	8.3
1974	317	6.5	233	5.8	84	9.4
1975	293	5.9	237	5.8	56	6.2
1976	321	6.4	245	6.0	76	8.1
1977	300	5.8	218	5.2	82	8.6
1978	295	5.7	221	5.3	74	7.4
1979	335	6.4	263	6.3	72	6.5
1980	333	6.2	259	6.1	74	6.6
1981	290	5.3	214	5.0	76	6.7
	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-778) 760-779					
1972	873	18.3	559	14.4	314	35.2
1973	756	15.7	512	13.1	244	27.4
1974	726	14.8	458	11.4	268	30.0
1975	697	14.0	431	10.6	266	29.6
1976	587	11.7	341	8.3	246	26.3
1977	613	11.9	352	8.4	261	27.5
1978	480	9.3	272	6.6	208	20.9
1979	651	12.4	391	9.4	260	23.5
1980	591	11.1	348	8.2	243	21.8
1981	560	10.3	329	7.7	231	20.4

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
	ACCIDENTS, ALL TYPES (E800-E949) E800-E949					
1972	2,692	56.5	2,008	51.9	684	76.6
1973	2,741	57.0	2,032	51.8	709	79.7
1974	2,540	51.8	2,008	50.0	532	59.6
1975	2,508	50.5	1,921	47.2	587	65.4
1976	2,385	47.4	1,816	44.3	569	60.8
1977	2,597	50.6	1,946	46.5	651	68.5
1978	2,404	46.7	1,821	43.9	583	58.6
1979	2,213	42.1	1,717	41.4	496	44.8
1980	2,450	45.8	1,889	44.7	561	50.2
1981	2,253	41.5	1,736	40.4	517	45.6
	MOTOR VEHICLE ACCIDENTS (E810-E823) E810-E825					
1972	1,227	25.8	943	24.4	284	31.8
1973	1,250	26.0	944	24.1	306	34.4
1974	1,050	21.4	844	21.0	206	23.1
1975	1,029	20.7	821	20.2	208	23.2
1976	1,029	20.4	810	19.8	219	23.4
1977	1,191	23.2	918	21.9	273	28.7
1978	1,081	21.0	848	20.4	233	23.4
1979	1,002	19.1	820	19.7	182	16.4
1980	1,081	20.2	856	20.2	225	20.2
1981	1,049	19.3	855	19.9	194	17.1
	ALL OTHER ACCIDENTS (E800-E807,E825-E949) E800-E807,E826-E949					
1972	1,465	30.8	1,065	27.5	400	44.8
1973	1,491	31.0	1,088	27.7	403	45.3
1974	1,490	30.4	1,164	29.0	326	36.5
1975	1,479	29.8	1,100	27.0	379	42.2
1976	1,356	26.9	1,006	24.6	350	37.4
1977	1,406	27.4	1,028	24.6	378	39.8
1978	1,323	25.7	973	23.4	350	35.2
1979	1,211	23.0	897	21.6	314	28.4
1980	1,369	25.6	1,033	24.4	336	30.1
1981	1,204	22.2	881	20.5	323	28.5
	SUICIDE (E950-E959) E950-E959					
1972	697	14.6	636	16.4	61	6.8
1973	679	14.1	624	15.9	55	6.2
1974	713	14.5	643	16.0	70	7.8
1975	760	15.3	700	17.2	60	6.7
1976	795	15.8	724	17.7	71	7.6
1977	807	15.7	721	17.2	86	9.0
1978	732	14.2	660	15.9	72	7.2
1979	775	14.7	693	16.7	82	7.4
1980	718	13.4	646	15.3	72	6.4
1981	711	13.1	633	14.7	78	6.9
	HOMICIDE (E960-E978) E960-E978					
1972	517	10.9	211	5.5	306	34.3
1973	547	11.4	259	6.6	288	32.4
1974	572	11.7	269	6.7	303	33.9
1975	598	12.0	279	6.9	319	35.5
1976	498	9.9	238	5.8	260	27.8
1977	482	9.4	237	5.7	245	25.8
1978	480	9.3	236	5.7	244	24.5
1979	501	9.5	262	6.3	239	21.6
1980	496	9.3	237	5.6	259	23.2
1981	500	9.2	268	6.2	232	20.5

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1972-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1981.

Less than 0.05 per 100,000 population

**Rates per 100,000 live births

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
ALL CAUSES	Total	42,199	1,000	171	103	101	380	517	530	572	634	808	1,211	2,047	3,095	4,022	4,902	5,361	5,365	4,815	6,555	10
	M W	17,797	360	59	39	50	232	307	273	281	273	351	523	1,010	1,492	1,949	2,339	2,451	2,272	1,713	1,820	3
	F W	15,157	264	51	31	32	88	93	92	120	155	200	314	534	826	1,055	1,409	1,733	2,096	2,288	3,776	
	M Nw	5,158	199	29	14	8	45	75	119	124	141	149	238	311	485	629	668	660	501	382	378	3
	F Nw	4,087	177	32	19	11	15	42	46	47	65	108	136	192	292	389	486	517	496	432	581	4
Certain other intestinal infections (007-009)	Total	9	4	1											1		1		1	1		
	M W	5		1											1		1		1	1		
	F W	2	2																			
	M Nw	1	1																			
	F Nw	1	1																			
Tuberculosis, all forms (010-018)	Total	42									2	2	1	2	6	5	2	2	5	8	7	
	M W	13									1			1	2	3	2		2	2		
	F W	11										1	1		1				1	1	6	
	M Nw	15									1			1	3	2		2	2	3	1	
	F Nw	3										1								2		
Meningococcal infection (036)	Total	18	3	7		1	3			1		1				1				1		
	M W	8	3	3		1						1										
	F W	7		3			2			1										1		
	M Nw	1														1						
	F Nw	2		1			1															
Septicemia (038)	Total	363	7	2		2		3	3	3		4	12	14	33	32	35	51	54	56	51	1
	M W	127	4			2		1	1				2	5	11	12	13	21	18	17	20	
	F W	132		1				2	1				4	3	10	10	9	17	26	28	21	
	M Nw	63	1	1						2		3	5	3	9	7	6	8	5	6	6	1
	F Nw	41	2						1	1		1	1	3	3	3	7	5	5	5	4	
Viral hepatitis (070)	Total	14							2	1			1		2	2	2	1	1	1	1	
	M W	5							1						1	1	1		1			
	F W	8							1	1					1	1	1	1		1	1	
	M Nw	1											1									
	F Nw																					
Other infectious and parasitic diseases (Residual of 001-139)	Total	96	7	1		2	1	1	3	4	5	5	5	6	9	8	9	9	7	9	5	
	M W	37	4					1			1	2	3	2	5	4	6	5	2	1	1	
	F W	32	1			2	1			1	1	1	1	1		3	2	3	3	8	4	
	M Nw	11	1	1					1	1	1	1		2	1		1		1			
	F Nw	16	1						2	2	2	1	1	1	3	1		1	1			
Malignant neoplasms (140-208)	Total	9,090		11	20	9	24	24	46	86	121	198	357	645	1,029	1,236	1,460	1,375	1,062	749	637	1
	M W	3,876		3	9	4	11	12	22	27	46	68	115	277	443	541	651	657	481	299	209	1
	F W	3,271		4	5	4	3	7	13	39	53	86	146	234	366	399	482	426	370	309	325	
	M Nw	1,150			3		7	2	6	10	9	21	54	83	134	191	202	177	127	77	47	
	F Nw	793		4	3	1	3	3	5	10	13	23	42	51	86	105	125	115	84	64	56	
1. Lip, oral cavity and pharynx (140-149)	Total	196								1	5	3	13	14	27	41	37	27	16	6	6	
	M W	98									3	1	3	5	16	21	17	16	10	4	2	
	F W	49									1	1	3	3	4	12	9	6	4	2	4	
	M Nw	39								1	1		4	6	5	7	10	3	2			
	F Nw	10										1	3		2	1	1	2				

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
2. Digestive organs and peritoneum (150-159)	Total	2,164						3	5	7	20	28	67	115	231	280	334	333	316	225	200	
	M W	866							1	3	9	11	25	55	98	120	157	140	121	74	52	
	F W	773						2		1	7	12	20	32	68	86	97	109	117	105	117	
	M Nw	297							2	2	2	3	18	18	43	45	51	44	38	20	11	
	F Nw	228						1	2	1	2	2	4	10	22	29	29	40	40	26	20	
3. Respiratory and intrathoracic organs (160-165)	Total	2,597					2			8	22	55	100	238	354	439	483	426	246	137	86	1
	M W	1,531					2			4	11	25	53	129	199	249	276	269	172	87	54	1
	F W	555								3	7	19	25	51	86	85	117	76	45	26	15	
	M Nw	408								1	2	9	18	40	60	84	71	66	26	20	11	
	F Nw	103									2	2	4	18	9	21	19	15	3	4	6	
4. Breast (174-175)	Total	744						1	4	18	26	33	56	86	103	83	96	91	60	46	41	
	M W	1																	1			
	F W	617						1	3	14	21	27	44	81	85	67	72	78	50	40	34	
	M Nw																					
	F Nw	126							1	4	5	6	12	5	18	16	24	13	9	6	7	
5. Genital organs (179-187)	Total	962					2	1	6	11	7	15	31	43	78	113	144	160	137	116	98	
	M W	326					1	1	2	1			1	8	13	30	46	63	63	54	43	
	F W	369							4	7	6	9	21	25	52	47	52	48	40	27	31	
	M Nw	160					1						3	3	5	19	28	33	26	25	17	
	F Nw	107								3	1	6	6	7	8	17	18	16	8	10	7	
6. Urinary organs (188-189)	Total	373		1		1	1		1	2	3	3	8	21	42	38	49	64	52	52	35	
	M W	206		1		1				1	1	3	3	14	24	23	31	44	26	22	12	
	F W	98								1	1		3	2	8	9	9	11	18	18	18	
	M Nw	36							1		1		1	1	4	4	7	5	5	6	1	
	F Nw	33					1						1	4	6	2	2	4	3	6	4	
7. Other and unspecified sites (170-173,190-199)	Total	1,261		3	14	4	7	10	10	18	21	42	52	88	120	162	216	165	128	95	106	
	M W	511		1	5	1	4	6	6	7	14	17	19	46	57	58	85	76	49	33	27	
	F W	495			5	2	1	2	1	8	6	14	20	22	40	70	81	54	49	54	66	
	M Nw	134			3		2	1	2	2	1	6	6	14	10	22	26	16	16	1	6	
	F Nw	121		2	1	1		1	1	1		5	7	6	13	12	24	19	14	7	7	
8. Leukemia (204-208)	Total	315		7	5	4	9	4	9	6	7	5	16	12	24	24	44	44	37	34	24	
	M W	125		1	4	2	1	3	6	1	3	2	3	3	9	11	17	24	14	15	6	
	F W	128		4		2	2		2	2	1		9	7	10	5	23	15	12	17	17	
	M Nw	36					4		1	2		2	2	1	4	4	3	3	8	1	1	
	F Nw	26		2	1		2	1		1	3	1	2	1	1	4	1	2	3	1		
9. Other neoplasms of lymphatic and hematopoietic tissues (200-203)	Total	478			1		3	5	11	15	10	14	14	28	50	56	57	65	70	38	41	
	M W	212					3	2	7	10	5	9	8	17	27	29	22	25	25	10	13	
	F W	187						2	3	3	3	4	1	11	13	18	22	29	35	20	23	
	M Nw	40						1		2	2	1	2		3	6	6	7	6	4		
	F Nw	39			1				1				3		7	3	7	4	4	4	5	
Benign neoplasms and neoplasms of unspecified nature (210-239)	Total	132	2	1	3	1	2	2		2	1	5	4	12	3	15	15	18	25	12	9	
	M W	54	1	1			1			2	1	4	2	4		4	8	11	10	3	2	
	F W	47			2			1				1	1	5	2	5	4	5	11	5	5	
	M Nw	11						1							1	2		1	3	2	1	
	F Nw	20	1		1	1	1						1	3		4	3	1	1	2	1	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Diabetes mellitus (250)	Total	633			1			1	1	6	11	10	21	35	39	74	88	87	96	81	82	
	M W	174							1	1	5	3	9	15	17	18	24	23	24	22	12	
	F W	235								2	4	4	7	8	10	19	28	28	37	41	47	
	M Nw	78						1			1	1	2	4	4	13	14	13	11	8	6	
	F Nw	146			1					3	1	2	3	8	8	24	22	23	24	10	17	
Nutritional deficiencies (260-269)	Total	37	1					1							2	3	1	2	4	7	16	
	M W	14						1							1	3		1	1	3	4	
	F W	15	1															1	1	3	9	
	M Nw	5													1		1		2		1	
	F Nw	3																		1	2	
Anemias (280-285)	Total	59		1				1	2	1	5	1	3	4	1	3	10	4	6	5	12	
	M W	22								1				1	1	2	6	2	3	2	4	
	F W	19									1		2	1		1	3	2	1	1	7	
	M Nw	10		1				1			3			1					2	2		
	F Nw	8							2		1	1	1	1			1				1	
Meningitis (320-322)	Total	30	9	2	1		2		2	1		1	1	2		2		2	1	3	1	
	M W	9	3	1	1		1		1			1		1								
	F W	7		1					1									1		3	1	
	M Nw	5	2											1		1		1				
	F Nw	9	4				1			1			1			1			1			
Major cardiovascular diseases (390-448)	Total	20,389	26	16	3	6	13	28	35	78	133	255	416	798	1,279	1,838	2,333	2,794	3,040	2,922	4,371	5
	M W	8,338	10	5		2	8	15	8	33	61	129	208	452	681	969	1,178	1,241	1,241	963	1,133	1
	F W	7,881	6	5	1	1	2	5	11	16	23	40	62	150	243	410	622	938	1,263	1,472	2,611	
	M Nw	2,137	5	4		3	1	3	8	21	32	43	95	120	214	279	296	329	239	208	237	
	F Nw	2,033	5	2	2		2	5	8	8	17	43	51	76	141	180	237	286	297	279	390	4
1. Diseases of heart (390-398,402,404-429)	Total	15,442	25	16	3	4	10	21	24	59	96	216	342	670	1,068	1,525	1,918	2,186	2,248	2,040	2,968	3
	M W	6,722	10	5		2	7	11	6	25	51	120	182	408	609	841	998	1,008	949	680	809	1
	F W	5,648	6	5	1	1		4	7	11	11	33	42	114	189	330	500	725	914	1,017	1,738	
	M Nw	1,645	5	4		1	1	3	5	18	25	35	79	98	168	220	238	254	168	153	170	
	F Nw	1,427	4	2	2		2	3	6	5	9	28	39	50	102	134	182	199	217	190	251	2
a. Rheumatic fever and rheumatic heart disease (390-398)	Total	121							2	2	1	5	11	10	14	9	11	14	24	10	8	
	M W	33								1	1	2	4	7	4		2	4	6	2		
	F W	69							1			2	2	3	7	7	7	9	17	8	6	
	M Nw	8							1			1	3		1	1	1					
	F Nw	11								1			2		2	1	1	1	1		2	
b. Hypertensive heart disease (402)	Total	408							1		2	5	9	18	29	41	53	53	64	55	78	
	M W	95									1		3	5	7	10	13	13	20	10	13	
	F W	157										1	2	1	6	8	14	22	23	28	52	
	M Nw	71							1			2	2	6	10	12	13	12	5	6	2	
	F Nw	85									1	2	2	6	6	11	13	6	16	11	11	
c. Hypertensive heart and renal disease (404)	Total	77											1	1	5	3	6	15	17	10	19	
	M W	13													1		1	3	5	1	2	
	F W	27												1				6	4	3	13	
	M Nw	15													1	2	3	3	4	1	1	
	F Nw	22											1		3	1	2	3	4	5	3	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
d. Ischemic heart disease (410-414)	Total	10,848					1	4	5	29	72	163	261	494	815	1,152	1,466	1,611	1,587	1,362	1,825	1
	M W	5,201						1	2	19	44	101	156	318	496	684	825	810	713	490	541	1
	F W	3,730						1	2	2	6	23	29	80	138	240	369	506	636	668	1,030	
	M Nw	1,085						2	1	6	17	20	55	66	120	146	157	174	109	97	115	
	F Nw	832					1			2	5	19	21	30	61	82	115	121	129	107	139	
i. Acute myocardial infarction (410)	Total	5,895						2	2	14	35	93	158	295	499	703	920	938	877	668	691	
	M W	3,064						1	1	11	23	68	107	199	320	424	529	495	408	257	221	
	F W	1,891							1	1	4	9	15	44	77	146	231	294	365	325	379	
	M Nw	543						1		1	6	11	24	32	66	87	94	92	46	42	41	
	F Nw	397								1	2	5	12	20	36	46	66	57	58	44	50	
ii. Other ischemic heart disease (411-414)	Total	4,953					1	2	3	15	37	70	103	199	316	449	546	673	710	694	1,134	1
	M W	2,137							1	8	21	33	49	119	176	260	296	315	305	233	320	1
	F W	1,839						1	1	1	2	14	14	36	61	94	138	212	271	343	651	
	M Nw	542						1	1	5	11	9	31	34	54	59	63	82	63	55	74	
	F Nw	435					1			1	3	14	9	10	25	36	49	64	71	63	89	
e. Other disease of endocardium (424)	Total	164					1			1	1	4	4	14	11	12	18	19	28	23	28	
	M W	63					1					3	1	8	4	5	6	10	12	8	5	
	F W	66								1	1		1	2	2	5	9	6	10	10	19	
	M Nw	15											2	3	1	1	2	1	2	2	1	
	F Nw	20										1		1	4	1	1	2	4	3	3	
f. All other forms of heart disease (415-423,425-429)	Total	3,824	25	16	3	4	8	17	16	27	20	39	56	133	194	308	364	474	528	580	1,010	2
	M W	1,317	10	5		2	6	10	4	5	5	14	18	70	97	142	151	168	193	169	248	
	F W	1,599	6	5	1	1		3	4	8	4	7	8	27	36	70	101	176	224	300	618	
	M Nw	451	5	4		1	1	1	2	12	8	12	17	23	35	58	62	64	48	47	51	
	F Nw	457	4	2	2		1	3	6	2	3	6	13	13	26	38	50	66	63	64	93	2
2. Hypertension (401,403)	Total	174	1							1		3	4	4	15	13	21	18	30	32	32	
	M W	55											1	1	7	4	7	7	10	9	9	
	F W	52								1				1	2	3	8	6	9	7	15	
	M Nw	25										1	2	1	2	1	2	3	5	6	2	
	F Nw	42	1									2	1	1	4	5	4	2	6	10	6	
3. Cerebrovascular diseases (430-438)	Total	3,819				2	3	6	7	16	34	32	65	98	162	233	295	469	616	710	1,069	2
	M W	1,161					1	3	1	7	10	7	21	28	54	89	116	160	210	212	242	
	F W	1,779					2	1	3	4	11	6	19	29	44	51	89	166	288	385	671	
	M Nw	396				2			2	3	6	6	14	18	36	48	45	65	53	42	56	
	F Nw	483						2	1	2	7	13	11	23	28	35	45	78	65	71	100	2
4. Atherosclerosis (440)	Total	537											1	5	10	17	40	41	85	87	251	
	M W	178											1	1	3	8	18	23	31	35	58	
	F W	276												4	2	5	14	14	38	41	158	
	M Nw	36													3	3	7	2	9	4	8	
	F Nw	47													2	1	1	2	7	7	27	
5. Other diseases of arteries, arterioles, and capillaries (441-448)	Total	417						1	4	2	3	4	4	21	24	50	59	80	61	53	51	
	M W	222						1	1	1		2	3	14	8	27	39	43	41	27	15	
	F W	126							1		1	1	1	2	6	11	11	27	14	22	29	
	M Nw	35							1		1	1		3	5	7	4	5	4	3	1	
	F Nw	34							1	1	1			2	5	5	5	5	2	1	6	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Acute bronchitis and bronchiolitis (466)	Total	10	3	1													1	2		1	2	
	M W	2	1																		1	
	F W	5	1														1	1		1	1	
	M Nw	1																1				
	F Nw	2	1	1																		
Pneumonia and influenza (480-487)	Total	1,252	17	9	1	2		3	5	12	11	12	22	30	56	71	88	137	174	200	402	
	M W	517	6	2	1	1			4	2		4	11	13	30	38	40	64	77	90	134	
	F W	499	2					2	1	2	4	2	5	6	8	13	25	47	64	87	231	
	M Nw	162	4	4		1				6	6	4	5	11	14	16	17	16	22	17	19	
	F Nw	74	5	3				1		2	1	2	1		4	4	6	10	11	6	18	
Chronic obstructive pulmonary diseases (490-496)	Total	1,242	1			1	2		1	3	5	7	16	44	81	157	203	226	221	153	121	
	M W	703					1			1	2	3	5	19	46	85	109	134	143	91	64	
	F W	379	1			1					2	3	8	15	22	48	61	68	58	47	45	
	M Nw	115					1			1			2	7	7	16	27	18	17	10	9	
	F Nw	45							1	1	1	1	1	3	6	8	6	6	3	5	3	
Ulcer of stomach and duodenum (531-533)	Total	120							1			3	3	7	8	7	18	24	25	8	16	
	M W	59											3	2	3	5	12	13	13	3	5	
	F W	50										1		4	4	1	4	10	11	4	11	
	M Nw	9							1			1		1	1	1	1	1	1	1		
	F Nw	2										1					1					
Appendicitis (540-543)	Total	12							1				1				2	2	2	3	1	
	M W	4																1	1	2		
	F W	2																	1	1		
	M Nw	2							1									1				
	F Nw	4											1				2				1	
Hernia and intestinal obstruction (550-553,560)	Total	106	3	1	1	1					1	1	1	2	4	5	8	18	15	17	28	
	M W	30	2												1	3	4	4	4	5	7	
	F W	47	1										1		2	1	3	6	7	9	17	
	M Nw	16			1							1		1	1	1		5	2	2	2	
	F Nw	13		1		1					1			1			1	3	2	1	2	
Chronic liver disease and cirrhosis (571)	Total	555							2	15	25	40	41	80	103	90	63	45	36	8	7	
	M W	287							1	7	11	20	20	48	54	42	29	28	20	3	4	
	F W	150								3	1	8	12	20	35	26	14	13	10	5	3	
	M Nw	65							1	4	3	8	4	9	7	13	11	2	3			
	F Nw	53								1	10	4	5	3	7	9	9	2	3			
Cholelithiasis and other disorders of gall bladder (574-575)	Total	50											1	1	2	3	3	12	5	12	11	
	M W	18															2	7	3	3	3	
	F W	19														1	1	1	2	7	7	
	M Nw	6														1		2		2	1	
	F Nw	7											1	1	2	1		2				
Nephritis, nephrotic syndrome, and nephrosis (580-589)	Total	345	4		1	1			3	2	5	7	8	10	19	22	40	44	59	50	70	
	M W	116				1			1	2	2	3	2	6	4	6	8	15	19	24	23	
	F W	109	2		1						1	1	4	2	4	9	8	10	18	16	33	
	M Nw	63									1	2	1	2	8	2	15	11	12	3	6	
	F Nw	57	2						2		1	1	1		3	5	9	8	10	7	8	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Infections of kidney (590)	Total	32														3	2	1	3	12	11	
	M W	6														2	1			1	2	
	F W	18														1		1	2	9	5	
	M Nw	4															1			1	2	
	F Nw	4																	1	1	2	
Hyperplasia of prostate (600)	Total	8															2	1	1	2	2	
	M W	6															2			2	2	
	F W																					
	M Nw	2																1	1			
	F Nw																					
Complications of pregnancy, childbirth, and the puerperium (630-676)	Total	6						1	4	1												
	M W																					
	F W	2							2													
	M Nw																					
	F Nw	4						1	2	1												
Congenital anomalies (740-759)	Total	290	198	19	8	1	9	3	5	1	7	2	4	4	5	7	2	6	4	1	4	
	M W	122	85	7	5		5		4		3		2		2	4	1	3		1		
	F W	92	63	4	3	1	1	1		1	2	2	2	1	1	2	1	1	4		2	
	M Nw	37	27	2			2		1		1				1	1		1			1	
	F Nw	39	23	6			1	2			1			3	1			1			1	
Certain conditions originating in the perinatal period (760-779)	Total	560	556	1	1				1							1						
	M W	183	181		1											1						
	F W	146	145						1													
	M Nw	123	123																			
	F Nw	108	107	1																		
Symptoms and ill-defined conditions (780-799)	Total	322	105	3	1	2	4	3	7	10	4	5	4	7	9	12	16	24	21	27	57	1
	M W	121	42			1	2	2	4	4		4		3	4	6	5	11	7	9	17	
	F W	107	25			1	1	1	2	2				2	4	2	5	6	12	10	34	
	M Nw	45	20	2					1	2	2	1	2	2		2	3	4		2	1	1
	F Nw	49	18	1	1		1			2	2		2		1	2	3	3	2	6	5	
All other diseases (Residual)	Total	2,884	29	29	17	13	26	30	33	45	59	72	96	161	204	244	319	326	368	345	468	
	M W	1,078	10	9	5	4	12	7	9	14	12	25	36	67	84	106	148	136	141	125	128	
	F W	1,073	9	13	9	7	8	8	10	14	14	10	23	42	66	69	82	110	157	158	264	
	M Nw	377	7	4	1		5	6	6	9	24	22	21	24	35	38	45	46	31	26	27	
	F Nw	356	3	3	2	2	1	9	8	8	9	15	16	28	19	31	44	34	39	36	49	
Accidents (E800-E949)	Total	2,253	15	55	40	46	223	263	203	164	118	91	99	107	122	107	123	109	100	114	154	
	M W	1,187	4	26	16	28	148	181	127	111	65	40	65	51	57	51	58	49	40	34	36	
	F W	549	5	15	6	10	59	39	19	17	25	20	13	23	25	22	39	32	33	61	86	
	M Nw	393	6	9	9	4	14	33	49	34	26	26	20	28	34	28	19	15	16	12	11	
	F Nw	124		5	9	4	2	10	8	2	2	5	1	5	6	6	7	13	11	7	21	
1. Motor vehicle accidents (E810-E825)	Total	1,049	5	16	23	25	171	198	129	99	69	49	34	45	39	35	34	30	26	14	8	
	M W	616	2	9	10	14	113	133	79	63	35	21	24	28	22	18	17	12	11	4	1	
	F W	239	1	5	5	8	49	34	17	15	19	13	3	12	8	5	13	9	10	7	6	
	M Nw	158	2	1	4	1	8	24	29	20	13	10	7	4	8	9	3	7	5	2	1	
	F Nw	36		1	4	2	1	7	4	1	2	5		1	1	3	1	2		1		

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1981 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
2. Home accidents ((Home)E850-E949)	Total	483	9	31	11	8	10	12	18	16	17	16	20	20	38	30	45	36	31	51	64	
	M W	188	2	12	3	5	8	7	13	9	8	6	11	6	13	11	22	14	9	15	14	
	F W	146	3	8	1		1	3		2	4	4	5	6	9	7	11	13	10	27	32	
	M Nw	96	4	7	3	1	1		2	4	5	6	4	7	13	11	9	4	5	4	6	
	F Nw	53		4	4	2		2	3	1				1	3	1	3	5	7	5	12	
3. All other accidents (E800-E807,E826-E849, (Other)E850-E949)	Total	721	1	8	6	13	42	53	56	49	32	26	45	42	45	42	44	43	43	49	82	
	M W	383		5	3	9	27	41	35	39	22	13	30	17	22	22	19	23	20	15	21	
	F W	164	1	2		2	9	2	2		2	3	5	5	8	10	15	10	13	27	48	
	M Nw	139		1	2	2	5	9	18	10	8	10	9	17	13	8	7	4	6	6	4	
	F Nw	35			1		1	1	1				1	3	2	2	3	6	4	1	9	
Suicide (E950-E959)	Total	711				4	48	69	95	71	60	51	53	48	55	51	41	25	23	7	9	1
	M W	479				1	38	51	64	54	36	26	32	30	32	35	24	19	20	7	9	1
	F W	154				3	6	11	14	12	17	15	17	14	15	12	12	4	2			
	M Nw	63					3	5	16	5	7	6	4	2	6	3	4	1	1			
	F Nw	15					1	2	1			4		2	2	1	1	1				
Homicide and legal intervention (E960-E978)	Total	500	9	9	5	9	21	79	74	62	60	33	38	26	21	21	15	11	6			1
	M W	182	3		1	5	4	33	24	20	27	17	8	12	11	7	6	4				
	F W	86		4	4	2	4	16	16	9	7	5	5	3	6		2	1	2			
	M Nw	178	2	1			12	21	28	28	23	9	19	8	4	10	5	4	3			1
	F Nw	54	4	4		2	1	9	6	5	3	2	6	3		4	2	2	1			
Other external causes (E980-E999)	Total	29	1	2			2	5	1	3	1	2	3	2	2	2		3				
	M W	15	1	1			1	3	1	2		1		1	1	1		2				
	F W	3		1			1								1							
	M Nw	9						2		1	1		3	1		1						
	F Nw	2										1						1				

TABLE 42 - FIVE LEADING CAUSES OF DEATH IN SPECIFIED AGE GROUPS BY RACE, VIRGINIA, 1981

Age at Death	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Under 1 year						
All causes	1,000	100.0	624	100.0	376	100.0
Certain conditions originating in the perinatal period (760-779)	556	55.6	326	52.2	230	61.2
Congenital anomalies (740-759)	198	19.8	148	23.7	50	13.3
Diseases of heart(390-398,402,404-429)	25	2.5	16	2.6	9	2.4
Pneumonia and influenza (480-487)	17	1.7	8	1.3	9	2.4
All accidents (E800-E949)	15	1.5	9	1.4	6	1.6
All other causes	189	18.9	117	18.8	72	19.1
1-4 years						
All causes	171	100.0	110	100.0	61	100.0
All accidents (E800-E949)	55	32.2	41	37.3	14	22.9
Congenital anomalies (740-759)	19	11.1	11	10.0	8	13.1
Diseases of heart (390-398,402,404-429)	16	9.3	10	9.1	6	9.8
Malignant neoplasms (140-208)	11	6.4	7	6.4	4	6.6
Homicide (E960-E978)	9	5.3	4	3.6	5	8.2
Pneumonia and influenza (480-487)	9	5.3	2	1.8	7	11.5
All other causes	52	30.4	35	31.8	17	27.9
5-14 years						
All causes	204	100.0	152	100.0	52	100.0
All accidents (E800-E949)	86	42.2	60	39.5	26	50.0
Malignant neoplasms (140-208)	29	14.2	22	14.5	7	13.5
Homicide (E960-E978)	14	6.9	12	7.9	2	3.8
Congenital anomalies (740-759)	9	4.4	9	5.9		
Diseases of heart (390-398,402,404-429)	7	3.4	4	2.6	3	5.8
All other causes	59	28.9	45	29.6	14	26.9
15-24 years						
All causes	897	100.0	720	100.0	177	100.0
All accidents (E800-E949)	486	54.2	427	59.3	59	33.3
Suicide (E950-E959)	117	13.0	106	14.7	11	6.2
Homicide (E960-E978)	100	11.1	57	7.9	43	24.3
Malignant neoplasms (140-208)	48	5.4	33	4.6	15	8.5
Diseases of heart (390-398,402,404-429)	31	3.5	22	3.1	9	5.1
All other causes	115	12.8	75	10.4	40	22.6
25-44 years						
All causes	2,544	100.0	1,745	100.0	799	100.0
All accidents (E800-E949)	576	22.7	424	24.3	152	19.0
Malignant neoplasms (140-208)	451	17.7	354	20.3	97	12.1
Diseases of heart (390-398,402,404-429)	395	15.5	264	15.1	131	16.4
Suicide (E950-E959)	277	10.9	238	13.6	39	4.9
Homicide (E960-E978)	229	9.0	125	7.2	104	13.0
All other causes	616	24.2	340	19.5	276	34.6
45-64 years						
All causes	10,375	100.0	7,703	100.0	2,672	100.0
Diseases of heart (390-398,402,404-429)	3,605	34.7	2,715	35.3	890	33.3
Malignant neoplasms (140-208)	3,267	31.5	2,521	32.7	746	27.9
Cerebrovascular diseases (430-438)	558	5.4	345	4.5	213	8.0
All accidents (E800-E949)	435	4.2	307	4.0	128	4.8
Chronic liver disease and cirrhosis (571)	314	3.0	257	3.3	57	2.1
All other causes	2,196	21.2	1,558	20.2	638	23.9
65-74 years						
All causes	10,263	100.0	7,932	100.0	2,331	100.0
Diseases of heart (390-398,402,404-429)	4,104	40.0	3,231	40.7	873	37.5
Malignant neoplasms (140-208)	2,835	27.6	2,216	27.9	619	26.6
Cerebrovascular diseases (430-438)	764	7.4	531	6.7	233	10.0
Chronic obstructive pulmonary diseases (490-496)	429	4.2	372	4.7	57	2.4
All accidents (E800-E949)	232	2.3	178	2.3	54	2.3
All other causes	1,899	18.5	1,404	17.7	495	21.2
75 and over						
All causes	16,735	100.0	13,965	100.0	2,770	100.0
Diseases of heart (390-398,402,404-429)	7,256	43.4	6,107	43.7	1,149	41.5
Malignant neoplasms (140-208)	2,448	14.6	1,993	14.3	455	16.4
Cerebrovascular diseases (430-438)	2,395	14.3	2,008	14.4	387	14.0
Pneumonia and influenza (480-487)	776	4.6	683	4.9	93	3.3
Chronic obstructive pulmonary diseases (490-496)	495	3.0	448	3.2	47	1.7
All other causes	3,365	20.1	2,726	19.5	639	23.1

TABLE 43
RESIDENT ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1981

Type of Accident	Total	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS	2,253	15	55	40	46	223	263	367	209	206	229	232	214	154
Railway (E800-E807)	21					4	4	2	1	5		5		
Motor vehicle (E810-E825)	1,049	5	16	23	25	171	198	228	118	79	74	64	40	8
Other road vehicle (E826-E829)	4						1		1	1	1			
Water transport (E830-E838)	31			1		1	8	10	6	3	1	1		
Aircraft (E840-E845)	21						3	10	4	3	1			
Poisoning by drugs (E850-E858)	49			1	1	4	4	20	5	5	3	2	3	1
Poisoning by other solids and liquids (E860-E866)	71		2		1	2	1	10	7	21	20	7		
Poisoning by gases and vapors (E867-E869)	19					4	1	3	5	1		2	3	
Surgical and medical misadventures and complications (E870-E879)	50								2	1	11	10	15	11
Falls (E880-E888)	309		3	1		5	9	12	7	20	26	61	78	87
Fires (E890-E899)	163	3	14	7	3	1	6	5	16	13	30	30	24	11
Execessive heat or cold or exposure (E900-E904)	64					1		2	4	8	10	14	15	10
Insects and animals (E905-E906)	3							2	1					
Lightning (E907)	2								1		1			
Cataclysm (E908-E909)	2						1		1					
Drowning and submersion (E910)	102	1	12	3	5	19	11	14	13	5	10	4	4	1
Suffocation from inhaled or ingested object (E911-E912)	83	3	1			2	1	1	1	8	18	13	17	18
Mechanical suffocation (E913)	20	2	2	2	1	2	1	4	2	1	2			1
Foreign body entering orifice (E914-E915)	1								1					
Falling or projected object or caught between objects (E916-E918)	33		2		3		2	7	4	5	7	3		
Machinery (E919)	36				2		1	10	4	9	4	4	2	
Explosion of pressure vessel (E921)	2									1		1		
Firearms (E922)	27		1		3	4	5	8	2	3	1			
Explosive materials (E923)	3							3						
Hot substance, corrosive material, steam (E924)	6		1					1					4	
Electric current (E925)	24		1	1	1	2	3	7	1	7	1			
Other and unspecified environmental causes (E928)	36	1		1	1	1	2	4	1	2	4	9	4	6
Late effects (E929)	19						1	3	1	4	4	1	5	
Drugs causing adverse effects in therapeutic use (E930-E949)	3							1		1		1		

TABLE 44
RESIDENT HOME ACCIDENTS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1981
(Included in tabulation of all accidental deaths)

Type of Accident	Total	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS IN THE HOME	492	9	31	12	9	10	13	36	34	41	68	82	83	64
Motor vehicle (E810-E825)	9			1	1		1	2	1	1		1	1	
Poisoning by drugs (E850-E858)	17				1		2	9	3	1	1			
Poisoning by other solids and liquids (E860-E866)	27		1			1		3	4	5	9	4		
Poisoning by gases and vapors (E867-E869)	11					2	1	2	2	1		1	2	
Falls (E880-E888)	171		3	1				2	3	11	17	42	44	48
Fires (E890-E899)	154	3	14	7	3	1	5	4	16	11	27	28	24	11
Excessive heat or cold or exposure (E900-E904)	27								2	5	6	4	6	4
Insects and animals (E905-E906)	1							1						
Lightning (E907)	1										1			
Drowning and submersion (E910)	13	1	5			1	1		1		1	1	2	
Suffocation from inhaled or ingested object (E911-E912)	8	2	1							1	3			1
Mechanical suffocation (E913)	10	2	2	2		1		2			1			
Falling or projected object or caught between objects (E916-E918)	6		2		1			1	1		1			
Machinery (E919)	4								1	3				
Firearms (E922)	13		1		3	3	2	4						
Explosive materials (E923)	2							2						
Hot substance, corrosive material, steam (E924)	5		1					1					3	
Electric current (E925)	5		1			1		1		2				
Other and unspecified environmental causes (E928)	6	1		1			1	1				1	1	
Late effects (E929)	2							1			1			

TABLE 45
DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

Cause of Death	STATE OF VIRGINIA					
	Place of Occurrence			Place of Residence		
	Total	White	Nonwhite	Total	White	Nonwhite
All causes	41,521	32,239	9,282	42,199	32,954	9,245
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009	8	7	1	9	7	2
3 Tuberculosis, all forms 010-018	38	21	17	42	24	18
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	18	15	3	18	15	3
7 Septicemia 038	347	243	104	363	259	104
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	11	11		14	13	1
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139	93	65	28	96	69	27
13 Malignant neoplasms 140-208	8,807	6,874	1,933	9,090	7,147	1,943
14 Lip, oral cavity and pharynx 140-149	188	138	50	196	147	49
15 Digestive organs and peritoneum ... 150-159	2,118	1,585	533	2,164	1,639	525
16 Respiratory & intrathoracic organs. 160-165	2,521	2,015	506	2,597	2,086	511
17 Breast 174-175	714	594	120	744	618	126
18 Genital organs 179-187	942	672	270	962	695	267
19 Urinary organs 188-189	357	290	67	373	304	69
20 Other & unspecified sites . 170-173,190-199	1,218	965	253	1,261	1,006	255
21 Leukemia 204-208	296	239	57	315	253	62
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	453	376	77	478	399	79
23 Benign neoplasms and neoplasms of unspecified nature 210-239	127	99	28	132	101	31
24 Diabetes mellitus 250	641	417	224	633	409	224
25 Nutritional deficiencies 260-269	37	29	8	37	29	8
26 Anemias 280-285	59	40	19	59	41	18
27 Meningitis 320-322	29	16	13	30	16	14
28 Major cardiovascular diseases 390-448	20,218	16,005	4,213	20,389	16,219	4,170
29 Diseases of heart 390-398,402,404-429	15,348	12,239	3,109	15,442	12,370	3,072
30 Rheumatic fever and rheumatic heart disease 390-398	121	100	21	121	102	19
31 Hypertensive heart disease 402	398	244	154	408	252	156
32 Hypertensive heart & renal disease .. 404	76	37	39	77	40	37
33 Ischemic heart disease 410-414	10,816	8,873	1,943	10,848	8,931	1,917
34 Acute myocardial infarction 410	5,841	4,885	956	5,895	4,955	940
35 Other ischemic heart disease .. 411-414	4,975	3,988	987	4,953	3,976	977
36 Other diseases of endocardium 424	159	123	36	164	129	35
37 All other forms of heart disease 415-423,425-429	3,778	2,862	916	3,824	2,916	908
38 Hypertension 401,403	164	95	69	174	107	67
39 Cerebrovascular diseases 430-438	3,776	2,891	885	3,819	2,940	879
40 Atherosclerosis 440	529	445	84	537	454	83
41 Other diseases of arteries, arterioles, and capillaries 441-448	401	335	66	417	348	69
42 Acute bronchitis and bronchiolitis 466	10	7	3	10	7	3
43 Pneumonia and influenza 480-487	1,213	974	239	1,252	1,016	236
44 Chronic obstructive pulmonary diseases. 490-496	1,207	1,048	159	1,242	1,082	160
45 Ulcer of stomach and duodenum 531-533	116	106	10	120	109	11
46 Appendicitis 540-543	12	6	6	12	6	6
47 Hernia & intestinal obstruction . 550-553,560	104	74	30	106	77	29
48 Chronic liver disease and cirrhosis 571	534	419	115	555	437	118
49 Cholelithiasis and other disorders of gall bladder 574-575	52	39	13	50	37	13
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	343	221	122	345	225	120
51 Infections of kidney 590	31	23	8	32	24	8
52 Hyperplasia of prostate 600	8	6	2	8	6	2
53 Complications of pregnancy, childbirth, and the puerperium 630-676	6	2	4	6	2	4
54 Congenital anomalies 740-759	258	184	74	290	214	76
55 Certain conditions originating in the perinatal period 760-779	535	303	232	560	329	231
56 Symptoms and ill-defined conditions . 780-799	305	215	90	322	228	94
57 All other diseases .... Residual	2,849	2,122	727	2,884	2,151	733
58 Accidents E800-E949	2,272	1,742	530	2,253	1,736	517
59 Motor vehicle accidents E810-E825	1,052	847	205	1,049	855	194
60 Home accidents .... (Home) E850-E949	491	343	148	483	334	149
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	729	552	177	721	547	174
62 Suicide E950-E959	715	631	84	711	633	78
63 Homicide and legal intervention ... E960-E978	497	262	235	500	268	232
64 Other external causes E980-E999	21	13	8	29	18	11

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 1

Cause of Death	Planning District 1			Lee		Scott		Wise		Norton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	962	943	19	265	1	240	3	398	11	40	4
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	1	1		1							
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	5	5		2		1		2			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	2	2		2							
13 Malignant neoplasms 140-208	195	189	6	47		54	1	81	3	7	2
14 Lip, oral cavity and pharynx 140-149	3	3		1				1		1	
15 Digestive organs and peritoneum ... 150-159	41	39	2	8		10		21	1		1
16 Respiratory & intrathoracic organs. 160-165	59	58	1	14		19	1	23		2	
17 Breast 174-175	11	11		5		2		4			
18 Genital organs 179-187	29	27	2	5		9		11	1	2	1
19 Urinary organs 188-189	12	12		2		5		5			
20 Other & unspecified sites . 170-173,190-199	24	23	1	5		5		11	1	2	
21 Leukemia 204-208	9	9		4		1		4			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	7		3		3		1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2						2			
24 Diabetes mellitus 250	17	16	1	2	1	1		11		2	
25 Nutritional deficiencies 260-269	2	1	1			1					1
26 Anemias 280-285	2	2				1		1			
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	475	468	7	138		126		185	6	19	1
29 Diseases of heart 390-398,402,404-429	374	370	4	108		92		152	3	18	1
30 Rheumatic fever and rheumatic heart disease 390-398	2	2				1		1			
31 Hypertensive heart disease 402	5	5		1		1		3			
32 Hypertensive heart & renal disease .. 404	3	3		1		1		1			
33 Ischemic heart disease 410-414	288	285	3	89		72		112	2	12	1
34 Acute myocardial infarction 410	169	167	2	49		48		65	1	5	1
35 Other ischemic heart disease .. 411-414	119	118	1	40		24		47	1	7	
36 Other diseases of endocardium 424	6	6		2		3				1	
37 All other forms of heart disease 415-423,425-429	70	69	1	15		14		35	1	5	
38 Hypertension 401,403	4	4				4					
39 Cerebrovascular diseases 430-438	77	74	3	25		25		24	3		
40 Atherosclerosis 440	9	9		3		1		4		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	11		2		4		5			
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	39	38	1	13		13		11	1	1	
44 Chronic obstructive pulmonary diseases. 490-496	31	31		6		10		13		2	
45 Ulcer of stomach and duodenum 531-533	6	6				3		2		1	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	3	3						3			
48 Chronic liver disease and cirrhosis 571	13	13		4		3		6			
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5	5		2				3			
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	5	5				2		3			
55 Certain conditions originating in the perinatal period 760-779	9	9		2				7			
56 Symptoms and ill-defined conditions . 780-799	9	9		1		2		6			
57 All other diseases .... Residual	70	67	3	20		9	2	34	1	4	
58 Accidents E800-E949	50	50		16		8		23		3	
59 Motor vehicle accidents E810-E825	21	21		8		2		9		2	
60 Home accidents .... (Home) E850-E949	8	8		2				5		1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	21	21		6		6		9			
62 Suicide E950-E959	14	14		7		5		2			
63 Homicide and legal intervention ... E960-E978	7	7		2		1		3		1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 2

Cause of Death	Planning District 2			Buchanan		Dickenson		Russell		Tazewell	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,133	1,107	26	267		174	1	230	5	436	20
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009	1	1				1					
3 Tuberculosis, all forms 010-018	1	1						1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	7	7		2		1				4	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	1	1								1	
13 Malignant neoplasms 140-208	192	189	3	38		34		37	1	80	2
14 Lip, oral cavity and pharynx 140-149	8	8		1		2		1		4	
15 Digestive organs and peritoneum ... 150-159	45	44	1	6		13		8		17	1
16 Respiratory & intrathoracic organs. 160-165	58	58		10		11		12		25	
17 Breast 174-175	16	16		5				4		7	
18 Genital organs 179-187	21	21		4		4		4		9	
19 Urinary organs 188-189	4	4		3						1	
20 Other & unspecified sites . 170-173,190-199	29	28	1	6		3		6		13	1
21 Leukemia 204-208	5	4	1					1	1	3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	6		3		1		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	3	2			1		1	1	1	1
24 Diabetes mellitus 250	17	17		4		2		2		9	
25 Nutritional deficiencies 260-269	1	1						1			
26 Anemias 280-285	1		1								1
27 Meningitis 320-322	1	1								1	
28 Major cardiovascular diseases 390-448	569	559	10	150		75		117	1	217	9
29 Diseases of heart 390-398,402,404-429	436	428	8	117		64		80	1	167	7
30 Rheumatic fever and rheumatic heart disease 390-398	2	2						1		1	
31 Hypertensive heart disease 402	14	14		5		1		2		6	
32 Hypertensive heart & renal disease .. 404	2	2		1						1	
33 Ischemic heart disease 410-414	324	320	4	91		52		58	1	119	3
34 Acute myocardial infarction 410	225	221	4	72		32		30	1	87	3
35 Other ischemic heart disease .. 411-414	99	99		19		20		28		32	
36 Other diseases of endocardium 424	4	4		1				1		2	
37 All other forms of heart disease 415-423,425-429	90	86	4	19		11		18		38	4
38 Hypertension 401,403	5	5						1		4	
39 Cerebrovascular diseases 430-438	103	102	1	29		9		30		34	1
40 Atherosclerosis 440	11	11		3				2		6	
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	13	1	1		2		4		6	1
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	37	37		6		6		8		17	
44 Chronic obstructive pulmonary diseases. 490-496	40	39	1	5		8		8	1	18	
45 Ulcer of stomach and duodenum 531-533	1	1				1					
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	1	1				1					
48 Chronic liver disease and cirrhosis 571	11	11		2		1		3		5	
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	9		1		1		5		2	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	7	7		1		1		2		3	
55 Certain conditions originating in the perinatal period 760-779	19	17	2	4		4	1	3		6	1
56 Symptoms and ill-defined conditions . 780-799	14	14		3		2		4		5	
57 All other diseases .... Residual	78	77	1	14		17		19		27	1
58 Accidents E800-E949	81	75	6	21		11		13	1	30	5
59 Motor vehicle accidents E810-E825	40	38	2	8		4		8	1	18	1
60 Home accidents .... (Home) E850-E949	12	10	2	2		3		1		4	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	29	27	2	11		4		4		8	2
62 Suicide E950-E959	25	25		7		7		4		7	
63 Homicide and legal intervention ... E960-E978	13	13		8				2		3	
64 Other external causes E980-E999	1	1		1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 3

Cause of Death	Planning District 3			Bland		Carroll		Grayson		Smyth	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,821	1,765	56	58	2	256	2	177	3	341	5
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	1	1				1					
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	9	9				3		1		1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139											
13 Malignant neoplasms 140-208	361	346	15	11	1	48		29	1	73	1
14 Lip, oral cavity and pharynx 140-149	3	2	1							1	
15 Digestive organs and peritoneum ... 150-159	92	87	5	4		11		4		21	1
16 Respiratory & intrathoracic organs. 160-165	115	112	3	4		16		13	1	27	
17 Breast 174-175	22	21	1	1		4		3		3	
18 Genital organs 179-187	44	42	2		1	7		4		5	
19 Urinary organs 188-189	16	14	2			1		2		2	
20 Other & unspecified sites . 170-173,190-199	43	42	1	1		8		2		10	
21 Leukemia 204-208	10	10				1		1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	16	16		1						2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5						1		1	
24 Diabetes mellitus 250	30	29	1	2		5		1		6	
25 Nutritional deficiencies 260-269	1	1									
26 Anemias 280-285	1	1								1	
27 Meningitis 320-322	2	2									
28 Major cardiovascular diseases 390-448	954	928	26	34	1	132	1	92	1	197	3
29 Diseases of heart 390-398,402,404-429	728	712	16	27		93	1	65	1	169	2
30 Rheumatic fever and rheumatic heart disease 390-398	10	10				2		2		2	
31 Hypertensive heart disease 402	17	14	3			2				5	
32 Hypertensive heart & renal disease .. 404	4	4						1		1	
33 Ischemic heart disease 410-414	513	505	8	21		64	1	43		110	
34 Acute myocardial infarction 410	314	309	5	14		37	1	31		73	
35 Other ischemic heart disease .. 411-414	199	196	3	7		27		12		37	
36 Other diseases of endocardium 424	4	4				1		1		1	
37 All other forms of heart disease 415-423,425-429	180	175	5	6		24		18	1	50	2
38 Hypertension 401,403	7	7		1		1				1	
39 Cerebrovascular diseases 430-438	181	173	8	6	1	33		19		20	1
40 Atherosclerosis 440	19	18	1			5		5		3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	19	18	1					3		4	
42 Acute bronchitis and bronchiolitis 466	1	1									
43 Pneumonia and influenza 480-487	70	70		1		13		6		6	
44 Chronic obstructive pulmonary diseases. 490-496	65	64	1	1		9		8		10	
45 Ulcer of stomach and duodenum 531-533	7	7								1	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	4	4				2					
48 Chronic liver disease and cirrhosis 571	22	19	3	2		2		2		5	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	18	17	1			4		3		5	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600	2	2								1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1									
54 Congenital anomalies 740-759	4	4				1					
55 Certain conditions originating in the perinatal period 760-779	9	9				3		1		2	
56 Symptoms and ill-defined conditions . 780-799	10	10				1		1		1	
57 All other diseases .... Residual	119	114	5	3		19		13		17	1
58 Accidents E800-E949	82	80	2	2		8	1	12		12	
59 Motor vehicle accidents E810-E825	32	32		1		4		8		3	
60 Home accidents .... (Home) E850-E949	21	21				1		3		3	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	29	27	2	1		3	1	1		6	
62 Suicide E950-E959	30	29	1	2		4		7	1		
63 Homicide and legal intervention ... E960-E978	8	7	1			1				2	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 3 (continued)

Cause of Death	Washington		Wythe		Bristol		Galax	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	392	10	262	13	201	17	78	4
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1		1		1		1	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139								
13 Malignant neoplasms 140-208	88	4	46	4	41	4	10	
14 Lip, oral cavity and pharynx 140-149			1			1		
15 Digestive organs and peritoneum 150-159	25	2	11	1	8	1	3	
16 Respiratory & intrathoracic organs. 160-165	22	1	10	1	16		4	
17 Breast 174-175	7		1	1	2			
18 Genital organs 179-187	8		12	1	5		1	
19 Urinary organs 188-189	6	1	2		1	1		
20 Other & unspecified sites . 170-173,190-199	14		2		5	1		
21 Leukemia 204-208	2		2		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4		5		3		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			3					
24 Diabetes mellitus 250	11	1	2		2			
25 Nutritional deficiencies 260-269			1					
26 Anemias 280-285								
27 Meningitis 320-322							2	
28 Major cardiovascular diseases 390-448	196	1	122	8	107	9	48	2
29 Diseases of heart 390-398,402,404-429	153	1	90	4	77	5	38	2
30 Rheumatic fever and rheumatic heart disease 390-398	3						1	
31 Hypertensive heart disease 402	5			2	2	1		
32 Hypertensive heart & renal disease .. 404	1				1			
33 Ischemic heart disease 410-414	113		61	2	61	3	32	2
34 Acute myocardial infarction 410	69		36	1	28	1	21	2
35 Other ischemic heart disease .. 411-414	44		25	1	33	2	11	
36 Other diseases of endocardium 424			1					
37 All other forms of heart disease 415-423,425-429	31	1	28		13	1	5	
38 Hypertension 401,403	2		2					
39 Cerebrovascular diseases 430-438	36		24	3	27	3	8	
40 Atherosclerosis 440	3		1			1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		5	1	3		1	
42 Acute bronchitis and bronchiolitis 466	1							
43 Pneumonia and influenza 480-487	16		16		11		1	
44 Chronic obstructive pulmonary diseases. 490-496	11		9		11		5	1
45 Ulcer of stomach and duodenum 531-533	4				2			
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560	1				1			
48 Chronic liver disease and cirrhosis 571	2		2	1	4	2		
49 Cholelithiasis and other disorders of gall bladder 574-575	4				1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		1			1		
51 Infections of kidney 590								
52 Hyperplasia of prostate 600	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676			1					
54 Congenital anomalies 740-759	1		2					
55 Certain conditions originating in the perinatal period 760-779			1		2			
56 Symptoms and ill-defined conditions . 780-799	3		4					
57 All other diseases Residual	22	3	20		12		8	1
58 Accidents E800-E949	24	1	19		2		1	
59 Motor vehicle accidents E810-E825	7		7		2			
60 Home accidents (Home) E850-E949	8		6					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	9	1	6				1	
62 Suicide E950-E959	2		9		3		2	
63 Homicide and legal intervention E960-E978			3		1	1		
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 4

Cause of Death	Planning District 4			Floyd		Giles	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	988	925	63	95	2	150	3
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	8	8				3	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139							
13 Malignant neoplasms 140-208	198	185	13	11		38	
14 Lip, oral cavity and pharynx 140-149	4	4		1		1	
15 Digestive organs and peritoneum ... 150-159	42	38	4	2		5	
16 Respiratory & intrathoracic organs. 160-165	46	43	3	3		12	
17 Breast 174-175	22	21	1	1		5	
18 Genital organs 179-187	22	19	3			5	
19 Urinary organs 188-189	8	8		2		2	
20 Other & unspecified sites . 170-173,190-199	36	36		2		5	
21 Leukemia 204-208	5	5				2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	13	11	2			1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1					
24 Diabetes mellitus 250	12	11	1	2		1	
25 Nutritional deficiencies 260-269	3	3				1	
26 Anemias 280-285	2	1	1				
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	477	448	29	54	1	68	2
29 Diseases of heart 390-398,402,404-429	381	363	18	39	1	56	2
30 Rheumatic fever and rheumatic heart disease 390-398	2	2					
31 Hypertensive heart disease 402	6	6		2		1	
32 Hypertensive heart & renal disease .. 404	1	1				1	
33 Ischemic heart disease 410-414	263	251	12	25	1	32	1
34 Acute myocardial infarction 410	189	181	8	19		22	1
35 Other ischemic heart disease .. 411-414	74	70	4	6	1	10	
36 Other diseases of endocardium 424	3	3					
37 All other forms of heart disease 415-423,425-429	106	100	6	12		22	1
38 Hypertension 401,403	2	2					
39 Cerebrovascular diseases 430-438	75	66	9	10		10	
40 Atherosclerosis 440	10	10		1		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	7	2	4			
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	35	33	2	2		4	
44 Chronic obstructive pulmonary diseases. 490-496	40	38	2			8	
45 Ulcer of stomach and duodenum 531-533	2	2					
46 Appendicitis 540-543	1	1					
47 Hernia & intestinal obstruction . 550-553,560	1	1		1			
48 Chronic liver disease and cirrhosis 571	15	13	2	1		4	
49 Cholelithiasis and other disorders of gall bladder 574-575							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	8	1	1			
51 Infections of kidney 590	2	2					
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	7	7		2		2	
55 Certain conditions originating in the perinatal period 760-779	7	7		1		1	
56 Symptoms and ill-defined conditions . 780-799	5	5					
57 All other diseases .... Residual	81	74	7	8	1	8	
58 Accidents E800-E949	54	54		10		9	
59 Motor vehicle accidents E810-E825	20	20		2		4	
60 Home accidents .... (Home) E850-E949	13	13		5		1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	21	21		3		4	
62 Suicide E950-E959	18	16	2	2		2	1
63 Homicide and legal intervention ... E960-E978	10	7	3			1	
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 4 (continued)

Cause of Death	Montgomery		Pulaski		Radford	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	317	16	282	32	81	10
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1		4			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139						
13 Malignant neoplasms 140-208	55	2	63	9	18	2
14 Lip, oral cavity and pharynx 140-149	1				1	
15 Digestive organs and peritoneum ... 150-159	12		14	3	5	1
16 Respiratory & intrathoracic organs. 160-165	8		16	2	4	1
17 Breast 174-175	7	1	7		1	
18 Genital organs 179-187	6	1	6	2	2	
19 Urinary organs 188-189	2		1		1	
20 Other & unspecified sites . 170-173,190-199	11		14		4	
21 Leukemia 204-208			3			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8		2	2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1			
24 Diabetes mellitus 250	6		2	1		
25 Nutritional deficiencies 260-269	2					
26 Anemias 280-285			1	1		
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	161	7	122	14	43	5
29 Diseases of heart 390-398,402,404-429	142	3	93	7	33	5
30 Rheumatic fever and rheumatic heart disease 390-398	1		1			
31 Hypertensive heart disease 402	3					
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	96	1	76	5	22	4
34 Acute myocardial infarction 410	69		57	4	14	3
35 Other ischemic heart disease .. 411-414	27	1	19	1	8	1
36 Other diseases of endocardium 424	1		2			
37 All other forms of heart disease 415-423,425-429	41	2	14	2	11	1
38 Hypertension 401,403	1		1			
39 Cerebrovascular diseases 430-438	15	2	22	7	9	
40 Atherosclerosis 440	3		3		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448		2	3			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	8	1	11	1	8	
44 Chronic obstructive pulmonary diseases. 490-496	7	1	17	1	6	
45 Ulcer of stomach and duodenum 531-533	1		1			
46 Appendicitis 540-543	1					
47 Hernia & intestinal obstruction . 550-553,560						
48 Chronic liver disease and cirrhosis 571	6		2			2
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	1	5			
51 Infections of kidney 590			2			
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	3					
55 Certain conditions originating in the perinatal period 760-779	3		2			
56 Symptoms and ill-defined conditions . 780-799	3		2			
57 All other diseases .... Residual	25	1	28	4	5	1
58 Accidents E800-E949	20		14		1	
59 Motor vehicle accidents E810-E825	8		5		1	
60 Home accidents .... (Home) E850-E949	4		3			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	8		6			
62 Suicide E950-E959	10	1	2			
63 Homicide and legal intervention ... E960-E978	3	2	3	1		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 5

Cause of Death	Planning District 5			Alleghany		Botetourt		Craig		Roanoke	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,527	2,202	325	104	4	186	18	51		520	17
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	3	3								2	
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	21	19	2	1		1				3	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	4	4		1							
13 Malignant neoplasms 140-208	495	428	67	23		37	5	12		96	1
14 Lip, oral cavity and pharynx 140-149	11	9	2	1						4	
15 Digestive organs and peritoneum ... 150-159	127	107	20	7		6		3		27	
16 Respiratory & intrathoracic organs. 160-165	125	109	16	5		10	1	4		27	
17 Breast 174-175	44	38	6	2		6	1	1		6	1
18 Genital organs 179-187	57	46	11	1		3	1	2		10	
19 Urinary organs 188-189	22	18	4			2	1			4	
20 Other & unspecified sites . 170-173,190-199	67	62	5	5		5		1		10	
21 Leukemia 204-208	12	10	2	1				1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	30	29	1	1		5	1			7	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	8	7	1							2	
24 Diabetes mellitus 250	31	22	9	1		2				7	1
25 Nutritional deficiencies 260-269	2	2								1	
26 Anemias 280-285	5	4	1								
27 Meningitis 320-322	3	1	2								
28 Major cardiovascular diseases 390-448	1,327	1,178	149	58	2	96	9	29		286	12
29 Diseases of heart 390-398,402,404-429	1,005	906	99	47	1	74	5	25		203	10
30 Rheumatic fever and rheumatic heart disease 390-398	7	6	1							1	
31 Hypertensive heart disease 402	15	13	2			1	1			4	
32 Hypertensive heart & renal disease .. 404	4	4								1	
33 Ischemic heart disease 410-414	712	642	70	39	1	46	2	19		137	6
34 Acute myocardial infarction 410	362	332	30	18		21		12		79	2
35 Other ischemic heart disease .. 411-414	350	310	40	21	1	25	2	7		58	4
36 Other diseases of endocardium 424	11	10	1			3		1		1	
37 All other forms of heart disease 415-423,425-429	256	231	25	8		24	2	5		59	4
38 Hypertension 401,403	6	5	1							1	
39 Cerebrovascular diseases 430-438	256	212	44	9	1	16	4	4		62	2
40 Atherosclerosis 440	31	28	3	2		2				12	
41 Other diseases of arteries, arterioles, and capillaries 441-448	29	27	2			4				8	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	95	85	10			7	2	1		25	
44 Chronic obstructive pulmonary diseases. 490-496	82	80	2	5		10		1		17	
45 Ulcer of stomach and duodenum 531-533	6	6								3	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	8	5	3							1	
48 Chronic liver disease and cirrhosis 571	36	29	7	1		1				6	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5								2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	20	17	3	1		2				5	
51 Infections of kidney 590	2	1	1								
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	8	7	1				1			1	
55 Certain conditions originating in the perinatal period 760-779	11	8	3	1			1			1	
56 Symptoms and ill-defined conditions . 780-799	13	8	5							1	
57 All other diseases .... Residual	185	149	36	5	1	15		3		38	2
58 Accidents E800-E949	94	79	15	4		8		2		14	1
59 Motor vehicle accidents E810-E825	26	24	2	1		3				6	
60 Home accidents .... (Home) E850-E949	25	18	7	1		1		1		1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	43	37	6	2		4		1		7	1
62 Suicide E950-E959	41	38	3	1		5		3		8	
63 Homicide and legal intervention ... E960-E978	22	17	5	2	1	2				1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 5 (continued)

Cause of Death	Clifton Forge		Covington		Roanoke City		Salem	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	68	10	89	19	976	240	208	17
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009								
3 Tuberculosis, all forms 010-018					1			
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038			1		11	2	2	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139					3			
13 Malignant neoplasms 140-208	11	3	14	2	202	53	33	3
14 Lip, oral cavity and pharynx 140-149					4	2		
15 Digestive organs and peritoneum ... 150-159	4	3	5		49	16	6	1
16 Respiratory & intrathoracic organs. 160-165	1		4	2	51	12	7	1
17 Breast 174-175					19	4	4	
18 Genital organs 179-187	2		3		21	9	4	1
19 Urinary organs 188-189					8	3	4	
20 Other & unspecified sites . 170-173,190-199	3		2		30	5	6	
21 Leukemia 204-208	1				6	2		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203					14		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					4	1	1	
24 Diabetes mellitus 250			1	1	9	6	2	1
25 Nutritional deficiencies 260-269	1							
26 Anemias 280-285					3	1	1	
27 Meningitis 320-322					1	2		
28 Major cardiovascular diseases 390-448	40	5	55	10	492	104	122	7
29 Diseases of heart 390-398,402,404-429	33	3	46	4	389	71	89	5
30 Rheumatic fever and rheumatic heart disease 390-398			1		3		1	1
31 Hypertensive heart disease 402			2		5	1	1	
32 Hypertensive heart & renal disease .. 404					3			
33 Ischemic heart disease 410-414	24	2	32	4	277	53	68	2
34 Acute myocardial infarction 410	13	1	21	1	127	24	41	2
35 Other ischemic heart disease .. 411-414	11	1	11	3	150	29	27	
36 Other diseases of endocardium 424	1				4	1		
37 All other forms of heart disease 415-423,425-429	8	1	11		97	16	19	2
38 Hypertension 401,403					3	1	1	
39 Cerebrovascular diseases 430-438	4	2	9	6	80	28	28	1
40 Atherosclerosis 440					11	3	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	3				9	1	3	1
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	6		3		30	6	13	2
44 Chronic obstructive pulmonary diseases. 490-496	2		2		36	2	7	
45 Ulcer of stomach and duodenum 531-533					3			
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560					1	3	3	
48 Chronic liver disease and cirrhosis 571	2		1	1	17	6	1	
49 Cholelithiasis and other disorders of gall bladder 574-575					2		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		7	2	1	1
51 Infections of kidney 590					1	1		
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759			2		4			
55 Certain conditions originating in the perinatal period 760-779				1	5	1	1	
56 Symptoms and ill-defined conditions . 780-799					7	5		
57 All other diseases .... Residual	3	2	3	2	69	26	13	3
58 Accidents E800-E949	2		4	2	40	12	5	
59 Motor vehicle accidents E810-E825	1		1		10	2	2	
60 Home accidents .... (Home) E850-E949					12	7	2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	1		3	2	18	3	1	
62 Suicide E950-E959	1		2		16	3	2	
63 Homicide and legal intervention ... E960-E978					12	4		
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 6

Cause of Death	Planning District 6			Augusta		Bath		Highland		Rockbridge	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,835	1,731	104	434	14	57	6	35		163	8
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	2	2		1		1					
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1									
7 Septicemia 038	9	6	3	1	2		1				
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1									
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	3	2	1								
13 Malignant neoplasms 140-208	320	295	25	72	1	9		5		31	3
14 Lip, oral cavity and pharynx 140-149	5	5								2	
15 Digestive organs and peritoneum ... 150-159	86	76	10	20	1	4		2		6	1
16 Respiratory & intrathoracic organs. 160-165	74	69	5	16		2		2		6	1
17 Breast 174-175	27	26	1	5						5	
18 Genital organs 179-187	34	32	2	9						3	
19 Urinary organs 188-189	12	11	1	2							
20 Other & unspecified sites . 170-173,190-199	50	46	4	13		2				5	1
21 Leukemia 204-208	10	10		3						1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	22	20	2	4		1		1		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	3	1					1		1	1
24 Diabetes mellitus 250	29	26	3	6						5	
25 Nutritional deficiencies 260-269	2	2		1							
26 Anemias 280-285	3	3		1							
27 Meningitis 320-322	1	1		1							
28 Major cardiovascular diseases 390-448	951	906	45	232	8	30	3	18		85	2
29 Diseases of heart 390-398,402,404-429	703	668	35	169	6	26	3	12		67	1
30 Rheumatic fever and rheumatic heart disease 390-398	6	5	1	1			1			1	
31 Hypertensive heart disease 402	16	14	2	2		1				1	
32 Hypertensive heart & renal disease .. 404	1	1								1	
33 Ischemic heart disease 410-414	504	479	25	132	6	16	1	10		49	1
34 Acute myocardial infarction 410	304	292	12	79	3	7		6		26	1
35 Other ischemic heart disease .. 411-414	200	187	13	53	3	9	1	4		23	
36 Other diseases of endocardium 424	10	10				1		1		2	
37 All other forms of heart disease 415-423,425-429	166	159	7	34		8	1	1		13	
38 Hypertension 401,403	10	9	1	3							
39 Cerebrovascular diseases 430-438	192	185	7	42	2	4		6		16	
40 Atherosclerosis 440	29	28	1	13						1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	17	16	1	5						1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	74	72	2	16		3				4	
44 Chronic obstructive pulmonary diseases. 490-496	62	60	2	17		4				6	
45 Ulcer of stomach and duodenum 531-533	7	7		1							
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	6	6		3						1	
48 Chronic liver disease and cirrhosis 571	20	19	1	2		1		2		3	
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	15	13	2	4	1			1		2	
51 Infections of kidney 590	3	3		3							
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	7	7		1		1					
55 Certain conditions originating in the perinatal period 760-779	15	13	2					1		1	
56 Symptoms and ill-defined conditions . 780-799	7	6	1			1		1		1	
57 All other diseases .... Residual	131	121	10	25	1	2	1	4		12	2
58 Accidents E800-E949	120	118	2	38		5	1	2		9	
59 Motor vehicle accidents E810-E825	60	60		16		5				6	
60 Home accidents .... (Home) E850-E949	23	22	1	8			1	1			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	37	36	1	14				1		3	
62 Suicide E950-E959	26	24	2	6	1					1	
63 Homicide and legal intervention ... E960-E978	15	13	2	3						1	
64 Other external causes E980-E999	1	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 6 (continued)

Cause of Death	Rockingham		Buena Vista		Harrisonburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	433	6	65	5	135	7
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	1					
7 Septicemia 038	1				1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070					1	
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139	1					
13 Malignant neoplasms 140-208	73	1	13	1	20	2
14 Lip, oral cavity and pharynx 140-149					2	
15 Digestive organs and peritoneum ... 150-159	17	1	2		5	1
16 Respiratory & intrathoracic organs. 160-165	12		7		3	1
17 Breast 174-175	7				6	
18 Genital organs 179-187	11				2	
19 Urinary organs 188-189	2				1	
20 Other & unspecified sites . 170-173,190-199	17		2	1		
21 Leukemia 204-208	4		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	7		2		3	1
25 Nutritional deficiencies 260-269						
26 Anemias 280-285	1				1	
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	238	4	26	3	72	2
29 Diseases of heart 390-398,402,404-429	181	4	21	2	49	1
30 Rheumatic fever and rheumatic heart disease 390-398	1					
31 Hypertensive heart disease 402	5		1		1	
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	116	3	12	1	32	
34 Acute myocardial infarction 410	91	2	9	1	21	
35 Other ischemic heart disease .. 411-414	25	1	3		11	
36 Other diseases of endocardium 424	3		1			
37 All other forms of heart disease 415-423,425-429	56	1	7	1	16	1
38 Hypertension 401,403					1	
39 Cerebrovascular diseases 430-438	52		4	1	19	
40 Atherosclerosis 440	1				3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4		1			1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	19		5		5	1
44 Chronic obstructive pulmonary diseases. 490-496	10		3		5	
45 Ulcer of stomach and duodenum 531-533	3				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560	1					
48 Chronic liver disease and cirrhosis 571	3		1		2	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		1		1	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2					
55 Certain conditions originating in the perinatal period 760-779	7				1	1
56 Symptoms and ill-defined conditions . 780-799	1				1	
57 All other diseases .... Residual	25		6		8	
58 Accidents E800-E949	25		5		10	
59 Motor vehicle accidents E810-E825	14		3		4	
60 Home accidents .... (Home) E850-E949	3		1		5	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	8		1		1	
62 Suicide E950-E959	7		2	1	2	
63 Homicide and legal intervention ... E960-E978	6	1	1		1	
64 Other external causes E980-E999	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 6 (continued)

Cause of Death	Lexington		Staunton		Waynesboro	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	46	12	222	30	141	16
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038			2		1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139			1	1		
13 Malignant neoplasms 140-208	7	4	36	9	29	4
14 Lip, oral cavity and pharynx 140-149					1	
15 Digestive organs and peritoneum ... 150-159	4	1	9	4	7	1
16 Respiratory & intrathoracic organs. 160-165	2	1	11	1	8	1
17 Breast 174-175			1	1	2	
18 Genital organs 179-187			3	1	4	1
19 Urinary organs 188-189	1		3	1	2	
20 Other & unspecified sites . 170-173,190-199			6	1	1	1
21 Leukemia 204-208					1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		2	3		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					1	
24 Diabetes mellitus 250	1		2	2		
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	23	5	117	11	65	7
29 Diseases of heart 390-398,402,404-429	17	2	79	10	47	6
30 Rheumatic fever and rheumatic heart disease 390-398					2	
31 Hypertensive heart disease 402			2	1	1	1
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	10	1	62	7	40	5
34 Acute myocardial infarction 410	6		26	2	21	3
35 Other ischemic heart disease .. 411-414	4	1	36	5	19	2
36 Other diseases of endocardium 424			2			
37 All other forms of heart disease 415-423,425-429	7	1	13	2	4	
38 Hypertension 401,403			2		3	1
39 Cerebrovascular diseases 430-438	4	3	27	1	11	
40 Atherosclerosis 440	1		5		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		4			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	1		9		10	1
44 Chronic obstructive pulmonary diseases. 490-496	2	1	7		6	1
45 Ulcer of stomach and duodenum 531-533	1				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560					1	
48 Chronic liver disease and cirrhosis 571			2		3	1
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		1	1	1	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			3			
55 Certain conditions originating in the perinatal period 760-779			2	1	1	
56 Symptoms and ill-defined conditions . 780-799			1	1		
57 All other diseases .... Residual	6	1	19	3	14	2
58 Accidents E800-E949	4	1	14		6	
59 Motor vehicle accidents E810-E825	4		4		4	
60 Home accidents .... (Home) E850-E949			3		1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949		1	7		1	
62 Suicide E950-E959			4		2	
63 Homicide and legal intervention ... E960-E978			1	1		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 7

Cause of Death	Planning District 7			Clarke		Frederick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,297	1,245	52	91	19	242	2
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018	3	3					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	5	5					
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139	5	5				2	
13 Malignant neoplasms 140-208	283	265	18	21	4	52	
14 Lip, oral cavity and pharynx 140-149	4	4		2		1	
15 Digestive organs and peritoneum ... 150-159	83	76	7	8		17	
16 Respiratory & intrathoracic organs. 160-165	75	70	5	4	2	16	
17 Breast 174-175	18	18		2		2	
18 Genital organs 179-187	35	32	3	1	1	5	
19 Urinary organs 188-189	9	9				3	
20 Other & unspecified sites . 170-173,190-199	30	30		1		5	
21 Leukemia 204-208	11	11		1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	18	15	3	2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2				1	
24 Diabetes mellitus 250	8	8					
25 Nutritional deficiencies 260-269	2	2				1	
26 Anemias 280-285							
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	633	611	22	47	10	118	1
29 Diseases of heart 390-398,402,404-429	488	473	15	36	4	89	1
30 Rheumatic fever and rheumatic heart disease 390-398	4	4		1		1	
31 Hypertensive heart disease 402	20	18	2	1		6	
32 Hypertensive heart & renal disease .. 404							
33 Ischemic heart disease 410-414	311	301	10	23	2	60	1
34 Acute myocardial infarction 410	205	200	5	16	1	39	1
35 Other ischemic heart disease .. 411-414	106	101	5	7	1	21	
36 Other diseases of endocardium 424	9	9		2		2	
37 All other forms of heart disease 415-423,425-429	144	141	3	9	2	20	
38 Hypertension 401,403	3	3				1	
39 Cerebrovascular diseases 430-438	118	112	6	10	6	23	
40 Atherosclerosis 440	10	10		1		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	13	1			3	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	42	40	2	4	1	7	
44 Chronic obstructive pulmonary diseases. 490-496	53	51	2	4	1	8	
45 Ulcer of stomach and duodenum 531-533	2	2					
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	4	4		1			
48 Chronic liver disease and cirrhosis 571	12	10	2	2		3	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	14	14		1		2	
51 Infections of kidney 590							
52 Hyperplasia of prostate 600	2	2		1			
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	6	6		1		1	
55 Certain conditions originating in the perinatal period 760-779	5	5				1	
56 Symptoms and ill-defined conditions . 780-799	14	14				5	
57 All other diseases .... Residual	91	88	3	4	2	18	
58 Accidents E800-E949	76	73	3	5	1	17	
59 Motor vehicle accidents E810-E825	37	36	1	2		11	
60 Home accidents .... (Home) E850-E949	13	13		1		2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	26	24	2	2	1	4	
62 Suicide E950-E959	23	23				3	
63 Homicide and legal intervention ... E960-E978	9	9				3	
64 Other external causes E980-E999	1	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 7 (continued)

Cause of Death	Page		Shenandoah		Warren		Winchester	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	208	5	284	3	173	11	247	12
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009								
3 Tuberculosis, all forms 010-018			1				2	
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1		1				3	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139					3			
13 Malignant neoplasms 140-208	44	3	60		36	1	52	10
14 Lip, oral cavity and pharynx 140-149					1			
15 Digestive organs and peritoneum ... 150-159	14	2	13		11		13	5
16 Respiratory & intrathoracic organs. 160-165	13		18		6		13	3
17 Breast 174-175	1		3		3		7	
18 Genital organs 179-187	5		6		9	1	6	1
19 Urinary organs 188-189	1		3		1		1	
20 Other & unspecified sites . 170-173,190-199	5		9		3		7	
21 Leukemia 204-208	2		3		1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3	1	5		1		3	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1							
24 Diabetes mellitus 250	4		1		1		2	
25 Nutritional deficiencies 260-269							1	
26 Anemias 280-285								
27 Meningitis 320-322	1							
28 Major cardiovascular diseases 390-448	92	1	146	2	89	8	119	
29 Diseases of heart 390-398,402,404-429	77	1	114	2	72	7	89	
30 Rheumatic fever and rheumatic heart disease 390-398	1				1			
31 Hypertensive heart disease 402	3		3		3	2	2	
32 Hypertensive heart & renal disease .. 404								
33 Ischemic heart disease 410-414	49		68	2	50	5	51	
34 Acute myocardial infarction 410	37		48		30	3	30	
35 Other ischemic heart disease .. 411-414	12		20	2	20	2	21	
36 Other diseases of endocardium 424			4				1	
37 All other forms of heart disease 415-423,425-429	20	1	39		18		35	
38 Hypertension 401,403	1		1					
39 Cerebrovascular diseases 430-438	14		28		15		22	
40 Atherosclerosis 440	2		2				3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		1		2	1	5	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	8		7		7	1	7	
44 Chronic obstructive pulmonary diseases. 490-496	9		9		8	1	13	
45 Ulcer of stomach and duodenum 531-533			1				1	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560			1		1		1	
48 Chronic liver disease and cirrhosis 571	1		1	1			3	
49 Cholelithiasis and other disorders of gall bladder 574-575	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		5				2	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600							1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1		1		1		1	
55 Certain conditions originating in the perinatal period 760-779			3		1			
56 Symptoms and ill-defined conditions . 780-799	1		4				4	
57 All other diseases .... Residual	15		23		13		15	1
58 Accidents E800-E949	16	1	11		9		15	1
59 Motor vehicle accidents E810-E825	7		7		4		5	1
60 Home accidents .... (Home) E850-E949	3		1				6	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	6	1	3		5		4	
62 Suicide E950-E959	6		6		4		4	
63 Homicide and legal intervention ... E960-E978	3		2				1	
64 Other external causes E980-E999			1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 8

Cause of Death	Planning District 8			Arlington		Fairfax		Loudoun		Prince William	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	5,410	4,857	553	967	101	2,339	155	279	39	416	52
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009	2	1	1								
3 Tuberculosis, all forms 010-018	3	3		3							
4 Whooping cough 033											
5 Streptococccal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1									
7 Septicemia 038	30	28	2	9	1	14					
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	3	3		1		2					
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	20	18	2	1		8	2			3	
13 Malignant neoplasms 140-208	1,381	1,247	134	234	30	635	41	65	11	90	13
14 Lip, oral cavity and pharynx 140-149	32	28	4	6	1	14	2	1		1	1
15 Digestive organs and peritoneum 150-159	309	280	29	49	4	145	14	17	4	12	2
16 Respiratory & intrathoracic organs. 160-165	378	343	35	71	10	165	5	17	3	27	4
17 Breast 174-175	163	151	12	22	5	91	3	5	1	11	1
18 Genital organs 179-187	125	104	21	21	5	54	7	3	1	8	1
19 Urinary organs 188-189	52	47	5	11	2	24	1	3		6	
20 Other & unspecified sites . 170-173,190-199	204	186	18	36	3	96	3	12	1	13	4
21 Leukemia 204-208	48	42	6	3		19	4	4	1	5	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	70	66	4	15		27	2	3		7	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	19	17	2	5		9	2	1		1	
24 Diabetes mellitus 250	79	70	9	12	2	29	3	1	1	12	
25 Nutritional deficiencies 260-269	7	6	1	2		2	1				
26 Anemias 280-285	11	10	1	3		3		1		1	
27 Meningitis 320-322	2	1	1			1					1
28 Major cardiovascular diseases 390-448	2,405	2,203	202	476	31	1,050	52	134	15	157	19
29 Diseases of heart 390-398,402,404-429	1,817	1,666	151	344	26	785	36	111	13	127	15
30 Rheumatic fever and rheumatic heart disease 390-398	30	26	4	6	1	17	2	2		1	1
31 Hypertensive heart disease 402	38	29	9	5	2	13		1	1	2	
32 Hypertensive heart & renal disease .. 404	6	4	2			2	2				
33 Ischemic heart disease 410-414	1,307	1,203	104	267	16	570	26	88	8	81	11
34 Acute myocardial infarction 410	582	547	35	102	4	288	10	43	1	31	4
35 Other ischemic heart disease .. 411-414	725	656	69	165	12	282	16	45	7	50	7
36 Other diseases of endocardium 424	20	20		4		9		1		2	
37 All other forms of heart disease 415-423,425-429	416	384	32	62	7	174	6	19	4	41	3
38 Hypertension 401,403	19	15	4	2	2	12					
39 Cerebrovascular diseases 430-438	418	384	34	102	3	176	11	18	2	24	3
40 Atherosclerosis 440	81	76	5	17		38	2	4		5	
41 Other diseases of arteries, arterioles, and capillaries 441-448	70	62	8	11		39	3	1		1	1
42 Acute bronchitis and bronchiolitis 466	1	1				1					
43 Pneumonia and influenza 480-487	96	84	12	22	3	38		4	2	4	1
44 Chronic obstructive pulmonary diseases. 490-496	167	155	12	23	4	71	3	7	1	22	
45 Ulcer of stomach and duodenum 531-533	17	16	1	6		6		2		1	
46 Appendicitis 540-543	3	3		1		1				1	
47 Hernia & intestinal obstruction . 550-553,560	13	12	1	5		4		1			1
48 Chronic liver disease and cirrhosis 571	111	95	16	21	1	41	3	5		4	3
49 Cholelithiasis and other disorders of gall bladder 574-575	10	8	2			5	2	1		2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	43	32	11	6	3	11	2	3	1	4	
51 Infections of kidney 590	5	5		1		1		3			
52 Hyperplasia of prostate 600	1		1						1		
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	51	44	7	6	3	24	2	2		9	
55 Certain conditions originating in the perinatal period 760-779	92	70	22	8	3	33	6	3		15	1
56 Symptoms and ill-defined conditions . 780-799	44	39	5	4		20		2	1	4	1
57 All other diseases Residual	306	272	34	56	3	131	14	17	2	25	1
58 Accidents E800-E949	299	253	46	38	12	118	15	21	3	37	6
59 Motor vehicle accidents E810-E825	173	147	26	16	4	73	7	11	2	27	4
60 Home accidents (Home) E850-E949	54	45	9	9	4	23	3	3	1	4	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	72	61	11	13	4	22	5	7		6	1
62 Suicide E950-E959	128	120	8	14	1	66	2	4		19	2
63 Homicide and legal intervention ... E960-E978	53	34	19	8	3	12	5	2	1	5	3
64 Other external causes E980-E999	7	6	1	2	1	3					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 8 (continued)

Cause of Death	Alexandria		Fairfax City		Falls Church		Manassas		Manassas Park	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	576	187	117	4	55	3	80	9	28	3
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009	1	1								
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036							1			
7 Septicemia 038	3	1	1						1	
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139	3		1		1		1			
13 Malignant neoplasms 140-208	147	36	42		15	1	16	2	3	
14 Lip, oral cavity and pharynx 140-149	6									
15 Digestive organs and peritoneum ... 150-159	34	4	13		3	1	6		1	
16 Respiratory & intrathoracic organs. 160-165	43	13	11		6		3			
17 Breast 174-175	16	2	2		2		2			
18 Genital organs 179-187	15	6	1		1		1	1		
19 Urinary organs 188-189	2	2	1							
20 Other & unspecified sites . 170-173,190-199	17	7	7		3		1		1	
21 Leukemia 204-208	8	1	2				1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	1	5				2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239							1			
24 Diabetes mellitus 250	8	3	4				4			
25 Nutritional deficiencies 260-269	2									
26 Anemias 280-285	1	1	1							
27 Meningitis 320-322										
28 Major cardiovascular diseases 390-448	266	75	45	2	22	2	38	4	15	2
29 Diseases of heart 390-398,402,404-429	209	53	29	1	15	2	32	3	14	2
30 Rheumatic fever and rheumatic heart disease 390-398										
31 Hypertensive heart disease 402	5	4			2	1	1			1
32 Hypertensive heart & renal disease .. 404	2									
33 Ischemic heart disease 410-414	138	40	21		11		19	3	8	
34 Acute myocardial infarction 410	52	14	10		5		11	2	5	
35 Other ischemic heart disease .. 411-414	86	26	11		6		8	1	3	
36 Other diseases of endocardium 424	3						1			
37 All other forms of heart disease 415-423,425-429	61	9	8	1	2	1	11		6	1
38 Hypertension 401,403	1	2								
39 Cerebrovascular diseases 430-438	44	14	11		4		5	1		
40 Atherosclerosis 440	6	3	3		2				1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	3	2	1	1		1			
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	11	6	1		3		1			
44 Chronic obstructive pulmonary diseases. 490-496	24	3	2		3		2	1	1	
45 Ulcer of stomach and duodenum 531-533		1			1					
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction . 550-553,560	1						1			
48 Chronic liver disease and cirrhosis 571	14	9	4		3		3			
49 Cholelithiasis and other disorders of gall bladder 574-575										
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	3	1	1				1		
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759		2	1		1		1			
55 Certain conditions originating in the perinatal period 760-779	8	11	2				1	1		
56 Symptoms and ill-defined conditions . 780-799	6	3			1		1		1	
57 All other diseases .... Residual	32	13	4	1	3		2		2	
58 Accidents E800-E949	24	9	6		1		7		1	1
59 Motor vehicle accidents E810-E825	11	8	4				4		1	1
60 Home accidents .... (Home) E850-E949	3		2		1					
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	10	1					3			
62 Suicide E950-E959	12	3	1		1				3	
63 Homicide and legal intervention ... E960-E978	5	7	1						1	
64 Other external causes E980-E999	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 9

Cause of Death	Planning District 9			Culpeper		Fauquier	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	829	651	178	180	52	198	67
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	5	3	2	2			2
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139	2	1	1				1
13 Malignant neoplasms 140-208	176	139	37	40	12	40	14
14 Lip, oral cavity and pharynx 140-149	1	1				1	
15 Digestive organs and peritoneum ... 150-159	48	34	14	9	3	12	7
16 Respiratory & intrathoracic organs. 160-165	45	37	8	8	3	11	3
17 Breast 174-175	13	11	2	2	1	5	
18 Genital organs 179-187	18	10	8	6	2	1	4
19 Urinary organs 188-189	11	10	1	2	1	6	
20 Other & unspecified sites . 170-173,190-199	24	21	3	7	2	2	
21 Leukemia 204-208	7	7		3		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	8	1	3		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239							
24 Diabetes mellitus 250	15	8	7	1	1	6	4
25 Nutritional deficiencies 260-269							
26 Anemias 280-285	3	3		2			
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	400	327	73	91	21	101	24
29 Diseases of heart 390-398,402,404-429	301	243	58	70	17	73	20
30 Rheumatic fever and rheumatic heart disease 390-398	2	2				2	
31 Hypertensive heart disease 402	7	6	1			2	1
32 Hypertensive heart & renal disease .. 404	1	1					
33 Ischemic heart disease 410-414	195	155	40	47	10	48	13
34 Acute myocardial infarction 410	107	84	23	21	6	24	9
35 Other ischemic heart disease .. 411-414	88	71	17	26	4	24	4
36 Other diseases of endocardium 424	6	6		1		2	
37 All other forms of heart disease 415-423,425-429	90	73	17	22	7	19	6
38 Hypertension 401,403	1	1		1			
39 Cerebrovascular diseases 430-438	79	66	13	17	3	18	3
40 Atherosclerosis 440	13	12	1	3		6	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	5	1		1	4	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	28	22	6	7		6	2
44 Chronic obstructive pulmonary diseases. 490-496	19	14	5	1		6	4
45 Ulcer of stomach and duodenum 531-533	2	2				1	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	1	1				1	
48 Chronic liver disease and cirrhosis 571	9	7	2	1		2	2
49 Cholelithiasis and other disorders of gall bladder 574-575							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	3	1	2			
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	8	7	1	1	1	2	
55 Certain conditions originating in the perinatal period 760-779	9	7	2	5		1	2
56 Symptoms and ill-defined conditions . 780-799	7	5	2	3			2
57 All other diseases .... Residual	59	44	15	6	5	12	4
58 Accidents E800-E949	60	43	17	14	9	14	3
59 Motor vehicle accidents E810-E825	26	18	8	3	5	9	1
60 Home accidents .... (Home) E850-E949	10	8	2	4	1	2	1
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	24	17	7	7	3	3	1
62 Suicide E950-E959	14	11	3	3	3	3	
63 Homicide and legal intervention ... E960-E978	6	2	4	1		1	3
64 Other external causes E980-E999	2	2				2	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 9 (continued)

Cause of Death	Madison		Orange		Rappahannock	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	77	17	141	34	55	8
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038			1			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139			1			
13 Malignant neoplasms 140-208	22	4	24	7	13	
14 Lip, oral cavity and pharynx 140-149						
15 Digestive organs and peritoneum ... 150-159	6		5	4	2	
16 Respiratory & intrathoracic organs. 160-165	6	1	5	1	7	
17 Breast 174-175	2		2	1		
18 Genital organs 179-187	1	1	1	1	1	
19 Urinary organs 188-189			2			
20 Other & unspecified sites . 170-173,190-199	4	1	5		3	
21 Leukemia 204-208	2		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1	1	3			
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250				2	1	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285			1			
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	32	11	71	15	32	2
29 Diseases of heart 390-398,402,404-429	23	9	53	10	24	2
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402	1		3			
32 Hypertensive heart & renal disease .. 404			1			
33 Ischemic heart disease 410-414	18	6	28	9	14	2
34 Acute myocardial infarction 410	11	2	23	5	5	1
35 Other ischemic heart disease .. 411-414	7	4	5	4	9	1
36 Other diseases of endocardium 424	1		1		1	
37 All other forms of heart disease 415-423,425-429	3	3	20	1	9	
38 Hypertension 401,403						
39 Cerebrovascular diseases 430-438	8	2	16	5	7	
40 Atherosclerosis 440	1		1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448			1			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2		6	3	1	1
44 Chronic obstructive pulmonary diseases. 490-496	2		3		2	1
45 Ulcer of stomach and duodenum 531-533			1			
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560						
48 Chronic liver disease and cirrhosis 571	2				2	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1	1		
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2		2			
55 Certain conditions originating in the perinatal period 760-779			1			
56 Symptoms and ill-defined conditions . 780-799			1		1	
57 All other diseases .... Residual	10	2	15	3	1	1
58 Accidents E800-E949	4		9	2	2	3
59 Motor vehicle accidents E810-E825	1		4	1	1	1
60 Home accidents .... (Home) E850-E949	1		1			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	2		4	1	1	2
62 Suicide E950-E959	1		4			
63 Homicide and legal intervention ... E960-E978				1		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 10

Cause of Death	Planning District 10			Albemarle		Fluvanna		Greene	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,221	935	286	306	74	54	30	54	11
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018	1	1		1					
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1							
7 Septicemia 038	15	12	3	3	1		1	2	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1		1					
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	6	4	2	1					
13 Malignant neoplasms 140-208	255	194	61	75	15	6	8	9	2
14 Lip, oral cavity and pharynx 140-149	4	4		1				1	
15 Digestive organs and peritoneum ... 150-159	63	44	19	16	5	1	4	5	1
16 Respiratory & intrathoracic organs. 160-165	78	61	17	29	4	1	2		1
17 Breast 174-175	18	17	1	8		1		1	
18 Genital organs 179-187	19	13	6	5	2			1	
19 Urinary organs 188-189	9	7	2	2		2	1		
20 Other & unspecified sites . 170-173,190-199	38	26	12	7	3		1	1	
21 Leukemia 204-208	8	8		2					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	18	14	4	5	1	1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1	1				1		
24 Diabetes mellitus 250	24	18	6	5	2				
25 Nutritional deficiencies 260-269	1	1							
26 Anemias 280-285									
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	581	444	137	125	42	28	16	23	3
29 Diseases of heart 390-398,402,404-429	430	335	95	94	32	20	10	18	2
30 Rheumatic fever and rheumatic heart disease 390-398	3	1	2		1				
31 Hypertensive heart disease 402	7	3	4	1	1				
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	314	259	55	76	22	15	6	12	
34 Acute myocardial infarction 410	171	148	23	29	8	10	2	10	
35 Other ischemic heart disease .. 411-414	143	111	32	47	14	5	4	2	
36 Other diseases of endocardium 424	8	4	4	1		2			1
37 All other forms of heart disease 415-423,425-429	98	68	30	16	8	3	4	6	1
38 Hypertension 401,403	3	1	2						
39 Cerebrovascular diseases 430-438	129	95	34	26	7	6	6	5	
40 Atherosclerosis 440	13	7	6	2	3	1			1
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	6		3		1			
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	41	30	11	6	1	1		6	2
44 Chronic obstructive pulmonary diseases. 490-496	32	26	6	8		2	1	2	1
45 Ulcer of stomach and duodenum 531-533									
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	6	3	3	1			1		
48 Chronic liver disease and cirrhosis 571	15	12	3	4				1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	7	4		1	1		3	
51 Infections of kidney 590	2	1	1			1			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	11	8	3	5	1		1		
55 Certain conditions originating in the perinatal period 760-779	4	4		2					
56 Symptoms and ill-defined conditions . 780-799	13	9	4	4	1	1	1		
57 All other diseases .... Residual	82	62	20	21	5	8		5	2
58 Accidents E800-E949	70	57	13	23	3	3		2	
59 Motor vehicle accidents E810-E825	29	25	4	11	1	2			
60 Home accidents .... (Home) E850-E949	21	17	4	5				1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	20	15	5	7	2	1		1	
62 Suicide E950-E959	30	27	3	15	1	2			
63 Homicide and legal intervention ... E960-E978	15	10	5	5	1	1		1	1
64 Other external causes E980-E999	1	1		1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 10 (continued)

Cause of Death	Louisa		Nelson		Charlottesville	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	139	54	112	37	270	80
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	1					
7 Septicemia 038		1	6		1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139	2		1			2
13 Malignant neoplasms 140-208	32	12	14	10	58	14
14 Lip, oral cavity and pharynx 140-149			1		1	
15 Digestive organs and peritoneum ... 150-159	8	5	2	1	12	3
16 Respiratory & intrathoracic organs. 160-165	9	4	4	5	18	1
17 Breast 174-175	4				3	1
18 Genital organs 179-187	5			2	2	2
19 Urinary organs 188-189		1			3	
20 Other & unspecified sites . 170-173,190-199	3	2	4	1	11	5
21 Leukemia 204-208	1		1		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		2	1	4	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1			
24 Diabetes mellitus 250	2	3	2	1	9	
25 Nutritional deficiencies 260-269	1					
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	68	23	68	15	132	38
29 Diseases of heart 390-398,402,404-429	53	18	55	7	95	26
30 Rheumatic fever and rheumatic heart disease 390-398					1	1
31 Hypertensive heart disease 402		2	2	1		
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	40	10	42	3	74	14
34 Acute myocardial infarction 410	28	4	31	3	40	6
35 Other ischemic heart disease .. 411-414	12	6	11		34	8
36 Other diseases of endocardium 424	1	2		1		
37 All other forms of heart disease 415-423,425-429	12	4	11	2	20	11
38 Hypertension 401,403		1	1	1		
39 Cerebrovascular diseases 430-438	14	4	11	6	33	11
40 Atherosclerosis 440				1	4	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		1			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	4	2	4	2	9	4
44 Chronic obstructive pulmonary diseases. 490-496	5	2	3	1	6	1
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560				1	2	1
48 Chronic liver disease and cirrhosis 571	1				6	3
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2		1	1		2
51 Infections of kidney 590		1				
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1				2	1
55 Certain conditions originating in the perinatal period 760-779	1		1			
56 Symptoms and ill-defined conditions . 780-799			1	1	3	1
57 All other diseases .... Residual	5	7	6	3	17	3
58 Accidents E800-E949	9	2	2	1	18	7
59 Motor vehicle accidents E810-E825	4	1	1		7	2
60 Home accidents .... (Home) E850-E949	5	1			6	3
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949			1	1	5	2
62 Suicide E950-E959	4		1	1	5	1
63 Homicide and legal intervention ... E960-E978	1	1			2	2
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 11

Cause of Death	Planning District 11			Amherst		Appomattox		Bedford	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,835	1,468	367	165	66	91	18	239	38
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	1								
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	18	13	5	3	1	2	1	2	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	2	2		1					
13 Malignant neoplasms 140-208	359	291	68	28	13	25	6	46	7
14 Lip, oral cavity and pharynx 140-149	9	8	1			1		2	
15 Digestive organs and peritoneum ... 150-159	85	67	18	4	5	7	1	5	1
16 Respiratory & intrathoracic organs. 160-165	100	86	14	9	5	10		15	3
17 Breast 174-175	23	17	6	4	1	1			1
18 Genital organs 179-187	42	29	13	3	1	3	4	2	
19 Urinary organs 188-189	22	20	2			1		6	1
20 Other & unspecified sites . 170-173,190-199	48	39	9	4	1	1	1	9	
21 Leukemia 204-208	7	6	1					2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	23	19	4	4		1		5	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	8	6	2		1	2		2	
24 Diabetes mellitus 250	24	12	12	4	3	1		2	1
25 Nutritional deficiencies 260-269	1	1							
26 Anemias 280-285	2	1	1						
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	974	798	176	86	32	41	8	114	14
29 Diseases of heart 390-398,402,404-429	722	590	132	60	21	31	4	78	12
30 Rheumatic fever and rheumatic heart disease 390-398	3	3		1					
31 Hypertensive heart disease 402	24	15	9	3	1	2		2	
32 Hypertensive heart & renal disease .. 404	4	1	3						
33 Ischemic heart disease 410-414	487	424	63	40	11	23	1	53	7
34 Acute myocardial infarction 410	274	240	34	22	6	20		30	6
35 Other ischemic heart disease .. 411-414	213	184	29	18	5	3	1	23	1
36 Other diseases of endocardium 424	9	8	1	2	1				
37 All other forms of heart disease 415-423,425-429	195	139	56	14	8	6	3	23	5
38 Hypertension 401,403	8	5	3		1			1	
39 Cerebrovascular diseases 430-438	197	163	34	20	9	9	4	25	2
40 Atherosclerosis 440	32	26	6	4	1	1		9	
41 Other diseases of arteries, arterioles, and capillaries 441-448	15	14	1	2				1	
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	45	36	9	6	3	4		7	1
44 Chronic obstructive pulmonary diseases. 490-496	49	41	8	4	1	4		12	2
45 Ulcer of stomach and duodenum 531-533	10	10		2				3	
46 Appendicitis 540-543	1		1						
47 Hernia & intestinal obstruction . 550-553,560	6	4	2						
48 Chronic liver disease and cirrhosis 571	20	14	6	2		1	1		
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	13	8	5	1	1			1	
51 Infections of kidney 590	3	3							
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	9	8	1	3	1			1	
55 Certain conditions originating in the perinatal period 760-779	19	14	5	1		1		4	
56 Symptoms and ill-defined conditions . 780-799	14	8	6	2	1	1		4	2
57 All other diseases .... Residual	116	91	25	10	1	2	2	14	4
58 Accidents E800-E949	87	64	23	8	8	7		16	5
59 Motor vehicle accidents E810-E825	40	30	10	5	5	5		7	1
60 Home accidents .... (Home) E850-E949	15	10	5		1	1		3	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	32	24	8	3	2	1		6	2
62 Suicide E950-E959	31	28	3	3				7	1
63 Homicide and legal intervention ... E960-E978	20	12	8	1				4	1
64 Other external causes E980-E999	1		1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 11 (continued)

Cause of Death	Campbell		Bedford City		Lynchburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	282	51	103	17	588	177
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009			1			
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	3	2	1		2	1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1					
13 Malignant neoplasms 140-208	59	9	23	3	110	30
14 Lip, oral cavity and pharynx 140-149	3	1			2	
15 Digestive organs and peritoneum 150-159	19	3	5	1	27	7
16 Respiratory & intrathoracic organs 160-165	17	1	3		32	5
17 Breast 174-175	4		1	1	7	3
18 Genital organs 179-187	4	2	8	1	9	5
19 Urinary organs 188-189	2		3		8	1
20 Other & unspecified sites 170-173,190-199	8	1	2		15	6
21 Leukemia 204-208					4	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2	1	1		6	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239		1			2	
24 Diabetes mellitus 250	1	1	1	4	3	3
25 Nutritional deficiencies 260-269					1	
26 Anemias 280-285			1			1
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	145	23	57	8	355	91
29 Diseases of heart 390-398,402,404-429	116	23	43	4	262	68
30 Rheumatic fever and rheumatic heart disease 390-398	2					
31 Hypertensive heart disease 402	2	2		1	6	5
32 Hypertensive heart & renal disease 404					1	3
33 Ischemic heart disease 410-414	79	8	31	2	198	34
34 Acute myocardial infarction 410	48	4	14	1	106	17
35 Other ischemic heart disease 411-414	31	4	17	1	92	17
36 Other diseases of endocardium 424	2		1		3	
37 All other forms of heart disease 415-423,425-429	31	13	11	1	54	26
38 Hypertension 401,403			2		2	2
39 Cerebrovascular diseases 430-438	21		11	2	77	17
40 Atherosclerosis 440	2		1	2	9	3
41 Other diseases of arteries, arterioles, and capillaries 441-448	6				5	1
42 Acute bronchitis and bronchiolitis 466	1					
43 Pneumonia and influenza 480-487	6	1			13	4
44 Chronic obstructive pulmonary diseases 490-496	3	1	3		15	4
45 Ulcer of stomach and duodenum 531-533	1		2		2	
46 Appendicitis 540-543		1				
47 Hernia & intestinal obstruction 550-553,560		1			4	1
48 Chronic liver disease and cirrhosis 571	2	1			9	4
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	1	2		2	3
51 Infections of kidney 590					3	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2				2	
55 Certain conditions originating in the perinatal period 760-779	5				3	5
56 Symptoms and ill-defined conditions 780-799		1			1	2
57 All other diseases Residual	26	3	5		34	15
58 Accidents E800-E949	17	5	3		13	5
59 Motor vehicle accidents E810-E825	8	4	1		4	
60 Home accidents (Home) E850-E949	3	1			3	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	6		2		6	4
62 Suicide E950-E959	5		3		10	2
63 Homicide and legal intervention E960-E978	3		1	1	3	6
64 Other external causes E980-E999				1		

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 12

Cause of Death	Planning District 12			Franklin		Henry		Patrick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,190	1,701	489	257	35	325	94	147	8
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	1	1							
3 Tuberculosis, all forms 010-018	2	2						1	
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	2	1	1			1	1		
7 Septicemia 038	15	12	3	4	1	2		1	1
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	2	2		1					
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	3	2	1						
13 Malignant neoplasms 140-208	450	360	90	48	9	70	20	37	
14 Lip, oral cavity and pharynx 140-149	10	6	4	1			2		
15 Digestive organs and peritoneum ... 150-159	110	90	20	14	2	15	4	12	
16 Respiratory & intrathoracic organs. 160-165	125	107	18	14	1	20	2	11	
17 Breast 174-175	39	29	10	3	1	12	4	3	
18 Genital organs 179-187	64	51	13	8	2	6	2	4	
19 Urinary organs 188-189	16	12	4	3		3	2	1	
20 Other & unspecified sites . 170-173,190-199	37	27	10	5	3	5	4	4	
21 Leukemia 204-208	21	16	5			5		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	28	22	6			4		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	6	1	2		2			
24 Diabetes mellitus 250	52	34	18	3		7	1	2	
25 Nutritional deficiencies 260-269	2	2						1	
26 Anemias 280-285	3	1	2				1		
27 Meningitis 320-322	1	1							
28 Major cardiovascular diseases 390-448	1,079	846	233	119	16	164	36	66	5
29 Diseases of heart 390-398,402,404-429	793	622	171	90	12	124	24	43	3
30 Rheumatic fever and rheumatic heart disease 390-398	3	3				1			
31 Hypertensive heart disease 402	9	8	1			4			
32 Hypertensive heart & renal disease .. 404	6	1	5				1		
33 Ischemic heart disease 410-414	588	465	123	72	10	88	17	32	3
34 Acute myocardial infarction 410	331	271	60	57	7	47	7	20	
35 Other ischemic heart disease .. 411-414	257	194	63	15	3	41	10	12	3
36 Other diseases of endocardium 424	5	5				1		1	
37 All other forms of heart disease 415-423,425-429	182	140	42	18	2	30	6	10	
38 Hypertension 401,403	9	5	4			2			
39 Cerebrovascular diseases 430-438	236	183	53	25	4	34	11	19	1
40 Atherosclerosis 440	23	22	1	3		1	1	3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	18	14	4	1		3		1	1
42 Acute bronchitis and bronchiolitis 466	1		1						
43 Pneumonia and influenza 480-487	76	62	14	18		8	6	3	
44 Chronic obstructive pulmonary diseases. 490-496	51	42	9	7		6		5	1
45 Ulcer of stomach and duodenum 531-533	7	7		1		3			
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	3	3		1				1	
48 Chronic liver disease and cirrhosis 571	27	22	5	3		5	2	3	
49 Cholelithiasis and other disorders of gall bladder 574-575	4	4		1		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	15	10	5	2	1	1	1	2	
51 Infections of kidney 590	1		1						
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	9	7	2			5			
55 Certain conditions originating in the perinatal period 760-779	28	17	11	6	1	5			1
56 Symptoms and ill-defined conditions . 780-799	21	15	6	6	1	4	1	2	
57 All other diseases .... Residual	140	102	38	13	3	11	11	10	
58 Accidents E800-E949	121	91	30	10	2	20	7	10	
59 Motor vehicle accidents E810-E825	68	59	9	7		15	1	6	
60 Home accidents .... (Home) E850-E949	23	9	14	1	1	1	2	1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	30	23	7	2	1	4	4	3	
62 Suicide E950-E959	39	34	5	8	1	7	1	3	
63 Homicide and legal intervention ... E960-E978	27	14	13	4		3	6		
64 Other external causes E980-E999	1	1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 12 (continued)

Cause of Death	Pittsylvania		Danville		Martinsville	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes ...	409	136	430	155	133	61
1 Shigellosis and amebiasis ... 004,006						
2 Certain other intestinal infections . 007-009			1			
3 Tuberculosis, all forms ... 010-018			1			
4 Whooping cough ... 033						
5 Streptococcal sore throat, scarlatina and erysipelas ... 034-035						
6 Meningococcal infection ... 036						
7 Septicemia ... 038	2	1	3			
8 Acute poliomyelitis ... 045						
9 Measles ... 055						
10 Viral hepatitis ... 070					1	
11 Syphilis ... 090-097						
12 Other infectious & parasitic diseases ... Residual of 001-139	1	1	1			
13 Malignant neoplasms ... 140-208	87	27	87	24	31	10
14 Lip, oral cavity and pharynx ... 140-149	3	2	2			
15 Digestive organs and peritoneum ... 150-159	23	5	20	6	6	3
16 Respiratory & intrathoracic organs. 160-165	23	7	32	4	7	4
17 Breast ... 174-175	2	3	6	1	3	1
18 Genital organs ... 179-187	19	4	10	4	4	1
19 Urinary organs ... 188-189	2		2	2	1	
20 Other & unspecified sites . 170-173,190-199	5	1	4	1	4	1
21 Leukemia ... 204-208	5	2	5	3		
22 Other neoplasms of lymphatic and hematopoietic tissues ... 200-203	5	3	6	3	6	
23 Benign neoplasms and neoplasms of unspecified nature ... 210-239	2	1				
24 Diabetes mellitus ... 250	8	6	12	8	2	3
25 Nutritional deficiencies ... 260-269			1			
26 Anemias ... 280-285	1			1		
27 Meningitis ... 320-322					1	
28 Major cardiovascular diseases ... 390-448	205	60	228	80	54	36
29 Diseases of heart ... 390-398,402,404-429	152	48	166	55	47	29
30 Rheumatic fever and rheumatic heart disease ... 390-398			2			
31 Hypertensive heart disease ... 402	1		3	1		
32 Hypertensive heart & renal disease .. 404	1	1		3		
33 Ischemic heart disease ... 410-414	107	32	130	41	36	20
34 Acute myocardial infarction ... 410	68	18	66	17	13	11
35 Other ischemic heart disease .. 411-414	39	14	64	24	23	9
36 Other diseases of endocardium ... 424			3			
37 All other forms of heart disease ... 415-423,425-429	43	15	28	10	11	9
38 Hypertension ... 401,403	1	1	1	3	1	
39 Cerebrovascular diseases ... 430-438	41	10	50	20	14	7
40 Atherosclerosis ... 440	8		7			
41 Other diseases of arteries, arterioles, and capillaries ... 441-448	3	1	4	2	2	
42 Acute bronchitis and bronchiolitis ... 466		1				
43 Pneumonia and influenza ... 480-487	9	3	20	5	4	
44 Chronic obstructive pulmonary diseases. 490-496	10	3	10	4	4	1
45 Ulcer of stomach and duodenum ... 531-533	2		1			
46 Appendicitis ... 540-543						
47 Hernia & intestinal obstruction . 550-553,560			1			
48 Chronic liver disease and cirrhosis ... 571	2	3	7		2	
49 Cholelithiasis and other disorders of gall bladder ... 574-575	1		1			
50 Nephritis, nephrotic syndrome, and nephrosis ... 580-589	1	1	2	2	2	
51 Infections of kidney ... 590		1				
52 Hyperplasia of prostate ... 600						
53 Complications of pregnancy, childbirth, and the puerperium ... 630-676						
54 Congenital anomalies ... 740-759	2	1				1
55 Certain conditions originating in the perinatal period ... 760-779	3	4	3	3		2
56 Symptoms and ill-defined conditions . 780-799		2	1	2	2	
57 All other diseases ... Residual	33	5	25	14	10	5
58 Accidents ... E800-E949	27	10	18	8	6	3
59 Motor vehicle accidents ... E810-E825	17	6	12	1	2	1
60 Home accidents ... (Home) E850-E949	2	3	1	6	3	2
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	8	1	5	1	1	
62 Suicide ... E950-E959	9	1	5	2	2	
63 Homicide and legal intervention ... E960-E978	3	5	2	2	2	
64 Other external causes ... E980-E999	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 13

Cause of Death	Planning District 13			Brunswick		Halifax		Mecklenburg		South Boston	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	930	548	382	91	93	203	103	201	150	53	36
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1		1				1				
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	8	6	2	1		1	1	3	1	1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	3	1	2			1	1		1		
13 Malignant neoplasms 140-208	143	80	63	17	9	33	23	26	26	4	5
14 Lip, oral cavity and pharynx 140-149	2		2						2		
15 Digestive organs and peritoneum 150-159	36	12	24	1	4	2	8	8	11	1	1
16 Respiratory & intrathoracic organs 160-165	36	29	7	6	3	14	3	8		1	1
17 Breast 174-175	11	6	5	1	1	5	2		2		
18 Genital organs 179-187	16	7	9	2		3	4	2	4		1
19 Urinary organs 188-189	6	5	1	1		1	1	2		1	
20 Other & unspecified sites 170-173,190-199	28	16	12	5	1	6	5	4	5	1	1
21 Leukemia 204-208	5	3	2			2		1	1		1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3	2	1	1				1	1		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2				2					
24 Diabetes mellitus 250	24	8	16	1	1	2	3	3	10	2	2
25 Nutritional deficiencies 260-269											
26 Anemias 280-285											
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	496	310	186	50	57	109	48	119	64	32	17
29 Diseases of heart 390-398,402,404-429	379	235	144	40	48	79	41	94	42	22	13
30 Rheumatic fever and rheumatic heart disease 390-398	3	3						1		2	
31 Hypertensive heart disease 402	25	6	19		7	3	7	2	4	1	1
32 Hypertensive heart & renal disease 404	9	1	8				5		1	1	2
33 Ischemic heart disease 410-414	254	169	85	28	31	64	24	61	24	16	6
34 Acute myocardial infarction 410	127	94	33	17	14	33	6	38	11	6	2
35 Other ischemic heart disease 411-414	127	75	52	11	17	31	18	23	13	10	4
36 Other diseases of endocardium 424	4	3	1			1		2			1
37 All other forms of heart disease 415-423,425-429	84	53	31	12	10	11	5	28	13	2	3
38 Hypertension 401,403	3	2	1			1		1	1		
39 Cerebrovascular diseases 430-438	92	60	32	8	8	23	4	21	16	8	4
40 Atherosclerosis 440	11	6	5	1		3	2	1	3	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	7	4	1	1	3	1	2	2	1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	28	21	7	1	2	12	5	7		1	
44 Chronic obstructive pulmonary diseases 490-496	23	14	9	5	1	5	1	2	6	2	1
45 Ulcer of stomach and duodenum 531-533	1	1				1					
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	1	1						1			
48 Chronic liver disease and cirrhosis 571	10	7	3	2		2		3	2		1
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1						1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	3	9		2		3	2	4	1	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	3	1	2				1		1	1	
55 Certain conditions originating in the perinatal period 760-779	9	7	2	2	1	3		2			1
56 Symptoms and ill-defined conditions 780-799	5	2	3		2	1		1	1		
57 All other diseases Residual	55	29	26	5	8	11	4	10	9	3	5
58 Accidents E800-E949	77	44	33	5	7	15	8	18	15	6	3
59 Motor vehicle accidents E810-E825	29	17	12	3	4	8	3	5	4	1	1
60 Home accidents (Home) E850-E949	13	6	7	2		1	2	3	4		1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	35	21	14		3	6	3	10	7	5	1
62 Suicide E950-E959	12	9	3	2		3	1	4	2		
63 Homicide and legal intervention E960-E978	16	2	14		3	2	3		7		1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY [illegible] COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 14

Cause of Death	Planning District 14			Amelia		Buckingham		Charlotte	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	908	533	375	47	41	74	41	80	53
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	1		1						
3 Tuberculosis, all forms 010-018	1		1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1						
7 Septicemia 038	13	2	11		1	1			
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	6	2	4				1	2	1
13 Malignant neoplasms 140-208	162	102	60	10	4	12	3	15	10
14 Lip, oral cavity and pharynx 140-149	5	3	2						
15 Digestive organs and peritoneum ... 150-159	33	17	16	4	1	2	1	1	3
16 Respiratory & intrathoracic organs. 160-165	43	32	11	5	1	1	1	9	1
17 Breast 174-175	12	12				3		2	
18 Genital organs 179-187	19	7	12		1	2	1	1	2
19 Urinary organs 188-189	10	6	4						1
20 Other & unspecified sites . 170-173,190-199	30	19	11		1	4		1	2
21 Leukemia 204-208	6	5	1	1				1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	1	3						
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	3							
24 Diabetes mellitus 250	12	5	7		3	1		2	
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	2	2							
27 Meningitis 320-322	2	1	1			1			1
28 Major cardiovascular diseases 390-448	463	271	192	27	27	48	25	43	25
29 Diseases of heart 390-398,402,404-429	332	197	135	14	20	37	17	34	17
30 Rheumatic fever and rheumatic heart disease 390-398	1	1							
31 Hypertensive heart disease 402	14	5	9		3	1	2	1	
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	221	147	74	14	10	28	7	29	8
34 Acute myocardial infarction 410	147	96	51	8	6	18	4	20	7
35 Other ischemic heart disease .. 411-414	74	51	23	6	4	10	3	9	1
36 Other diseases of endocardium 424	2		2						1
37 All other forms of heart disease 415-423,425-429	94	44	50		7	8	8	4	8
38 Hypertension 401,403	4	1	3						
39 Cerebrovascular diseases 430-438	94	52	42	8	6	6	7	8	7
40 Atherosclerosis 440	27	16	11	2	1	5	1	1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	5	1	3					
42 Acute bronchitis and bronchiolitis 466	2	1	1						
43 Pneumonia and influenza 480-487	29	19	10			1	1	3	2
44 Chronic obstructive pulmonary diseases. 490-496	17	12	5		1			3	
45 Ulcer of stomach and duodenum 531-533	2	2				1		1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	4	3	1						
48 Chronic liver disease and cirrhosis 571	7	5	2	1		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	5	4					1	1
51 Infections of kidney 590									
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1		1		1				
54 Congenital anomalies 740-759	10	5	5	1				1	1
55 Certain conditions originating in the perinatal period 760-779	6	4	2	1		1			
56 Symptoms and ill-defined conditions . 780-799	8	5	3			1	2	1	
57 All other diseases .... Residual	67	35	32	4	1	2	4	1	7
58 Accidents E800-E949	61	39	22	3	3	2	3	6	4
59 Motor vehicle accidents E810-E825	27	20	7	1	3	1	1	4	
60 Home accidents .... (Home) E850-E949	12	4	8			1	1		3
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	22	15	7	2			1	2	1
62 Suicide E950-E959	8	6	2						
63 Homicide and legal intervention ... E960-E978	9	3	6			2	2		1
64 Other external causes E980-E999	1	1						1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 14 (continued)

Cause of Death	Cumberland		Lunenburg		Nottoway		Prince Edward	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	31	43	95	56	108	71	98	70
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009						1		
3 Tuberculosis, all forms 010-018				1				
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								1
7 Septicemia 038		2	1	3		3		2
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139		1				1		
13 Malignant neoplasms 140-208	5	9	18	8	19	13	23	13
14 Lip, oral cavity and pharynx 140-149		1					3	1
15 Digestive organs and peritoneum ... 150-159		1	6	2	3	6	1	2
16 Respiratory & intrathoracic organs. 160-165	3		4	1	4	4	6	3
17 Breast 174-175	1		1		3		2	
18 Genital organs 179-187		2	3	2	1	2		2
19 Urinary organs 188-189		1			2	1	4	1
20 Other & unspecified sites . 170-173,190-199	1	2	4	3	4		5	3
21 Leukemia 204-208					2		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		2					1	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239					2		1	
24 Diabetes mellitus 250				2	1		1	2
25 Nutritional deficiencies 260-269								
26 Anemias 280-285			1				1	
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	13	20	49	27	53	33	38	35
29 Diseases of heart 390-398,402,404-429	9	16	36	24	43	24	24	17
30 Rheumatic fever and rheumatic heart disease 390-398					1			
31 Hypertensive heart disease 402	2	1	1	2		1		
32 Hypertensive heart & renal disease .. 404								
33 Ischemic heart disease 410-414	6	10	24	15	28	15	18	9
34 Acute myocardial infarction 410	6	8	11	9	19	10	14	7
35 Other ischemic heart disease .. 411-414		2	13	6	9	5	4	2
36 Other diseases of endocardium 424						1		
37 All other forms of heart disease 415-423,425-429	1	5	11	7	14	7	6	8
38 Hypertension 401,403					1	2		1
39 Cerebrovascular diseases 430-438	2	3	11	2	8	6	9	11
40 Atherosclerosis 440	2	1	1	1	1	1	4	5
41 Other diseases of arteries, arterioles, and capillaries 441-448			1				1	1
42 Acute bronchitis and bronchiolitis 466		1					1	
43 Pneumonia and influenza 480-487	3	1	3	1	4	3	5	2
44 Chronic obstructive pulmonary diseases. 490-496	1		4	1	3	1	1	2
45 Ulcer of stomach and duodenum 531-533								
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560			1	1			2	
48 Chronic liver disease and cirrhosis 571						1	3	1
49 Cholelithiasis and other disorders of gall bladder 574-575				1				
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			2		1	1	1	2
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759				1		2	3	1
55 Certain conditions originating in the perinatal period 760-779				1	1	1	1	
56 Symptoms and ill-defined conditions . 780-799			1		2			1
57 All other diseases .... Residual	3	7	7	2	11	4	7	7
58 Accidents E800-E949	6	1	6	5	8	5	8	1
59 Motor vehicle accidents E810-E825	4		5	2	4	1	1	
60 Home accidents .... (Home) E850-E949	1			1		3	2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	1	1	1	2	4	1	5	1
62 Suicide E950-E959			1	1	3	1	2	
63 Homicide and legal intervention ... E960-E978		1	1	1		1		
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 15

Cause of Death	Planning District 15			Charles City County		Chesterfield		Goochland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	5,500	3,914	1,586	12	30	629	71	65	51
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018	8	2	6		1		1		
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1				1			
7 Septicemia 038	65	41	24		1	9		1	1
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	3	2	1			1			
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	10	7	3			1	1		
13 Malignant neoplasms 140-208	1,172	844	328	2	6	145	14	16	12
14 Lip, oral cavity and pharynx 140-149	30	19	11			1			
15 Digestive organs and peritoneum ... 150-159	254	174	80	1	1	30	4	4	3
16 Respiratory & intrathoracic organs. 160-165	342	252	90		3	42	6	3	2
17 Breast 174-175	98	72	26			16		1	2
18 Genital organs 179-187	124	82	42	1	1	12	2	4	1
19 Urinary organs 188-189	49	34	15			6			2
20 Other & unspecified sites . 170-173,190-199	159	112	47			22	1		1
21 Leukemia 204-208	44	37	7		1	4		3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	72	62	10			12	1	1	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	22	15	7			1			1
24 Diabetes mellitus 250	75	36	39		1	5	3	2	1
25 Nutritional deficiencies 260-269	8	5	3			1			
26 Anemias 280-285	9	3	6				1		
27 Meningitis 320-322	2	2				1			
28 Major cardiovascular diseases 390-448	2,638	1,973	665	5	11	274	31	26	19
29 Diseases of heart 390-398,402,404-429	1,960	1,483	477	5	9	211	27	19	10
30 Rheumatic fever and rheumatic heart disease 390-398	11	7	4			2			
31 Hypertensive heart disease 402	50	30	20			1	2		1
32 Hypertensive heart & renal disease .. 404	8	8				1			
33 Ischemic heart disease 410-414	1,373	1,077	296	4	9	148	19	15	7
34 Acute myocardial infarction 410	680	543	137	3	4	74	8	9	3
35 Other ischemic heart disease .. 411-414	693	534	159	1	5	74	11	6	4
36 Other diseases of endocardium 424	25	16	9			4	2		
37 All other forms of heart disease 415-423,425-429	493	345	148	1		55	4	4	2
38 Hypertension 401,403	34	16	18			2	1	1	1
39 Cerebrovascular diseases 430-438	483	342	141		2	46	3	2	7
40 Atherosclerosis 440	102	86	16			8		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	59	46	13			7		3	1
42 Acute bronchitis and bronchiolitis 466	1	1				1			
43 Pneumonia and influenza 480-487	151	112	39		2	20		1	1
44 Chronic obstructive pulmonary diseases. 490-496	172	139	33	1		26	3	3	
45 Ulcer of stomach and duodenum 531-533	16	12	4			2			
46 Appendicitis 540-543	1		1						
47 Hernia & intestinal obstruction . 550-553,560	10	8	2			3			
48 Chronic liver disease and cirrhosis 571	75	61	14	1		9		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	6	3	3			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	37	22	15			2	2	1	
51 Infections of kidney 590	4	3	1				1		
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1		1						
54 Congenital anomalies 740-759	32	20	12			4	2		
55 Certain conditions originating in the perinatal period 760-779	81	30	51			7	5	2	1
56 Symptoms and ill-defined conditions . 780-799	34	19	15	1		4		1	
57 All other diseases .... Residual	416	260	156		5	33	5	5	7
58 Accidents E800-E949	269	173	96	2	2	46	2	5	5
59 Motor vehicle accidents E810-E825	105	79	26		2	25		3	3
60 Home accidents .... (Home) E850-E949	79	44	35	1		10	1	1	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	85	50	35	1		11	1	1	
62 Suicide E950-E959	90	76	14			18		1	1
63 Homicide and legal intervention ... E960-E978	87	43	44		1	14			1
64 Other external causes E980-E999	3		3						1

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 15 (continued)

Cause of Death	Hanover		Henrico		New Kent		Powhatan		Richmond City	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	307	69	1,426	150	39	16	51	28	1,385	1,171
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009										
3 Tuberculosis, all forms 010-018			2							4
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	2	1	11	1	1		1		16	20
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070		1							1	
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139			3						3	2
13 Malignant neoplasms 140-208	77	18	297	40	13	4	10	7	284	227
14 Lip, oral cavity and pharynx 140-149			9	2	1				8	9
15 Digestive organs and peritoneum ... 150-159	14	7	67	11		1	2	1	56	52
16 Respiratory & intrathoracic organs. 160-165	21	3	88	9	6	1	6	2	86	64
17 Breast 174-175	7		29	7		1		1	19	15
18 Genital organs 179-187	4	4	31	3	2			1	28	30
19 Urinary organs 188-189	2	1	12	3		1			14	8
20 Other & unspecified sites . 170-173,190-199	17	3	28	1	1		1	1	43	40
21 Leukemia 204-208	2		14	2					14	4
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10		19	2	3		1	1	16	5
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		5	2					8	4
24 Diabetes mellitus 250	1	1	15	3		1	1	1	12	28
25 Nutritional deficiencies 260-269			3				1			3
26 Anemias 280-285			2	1					1	4
27 Meningitis 320-322			1							
28 Major cardiovascular diseases 390-448	145	37	748	61	16	5	25	11	734	490
29 Diseases of heart 390-398,402,404-429	113	24	569	41	14	3	18	7	534	356
30 Rheumatic fever and rheumatic heart disease 390-398			3						2	4
31 Hypertensive heart disease 402	3		14	1					12	16
32 Hypertensive heart & renal disease .. 404	2		4						1	
33 Ischemic heart disease 410-414	73	17	413	25	11	2	13	5	400	212
34 Acute myocardial infarction 410	45	6	217	13	6	1	9	2	180	100
35 Other ischemic heart disease .. 411-414	28	11	196	12	5	1	4	3	220	112
36 Other diseases of endocardium 424	2		3	1			1		6	6
37 All other forms of heart disease 415-423,425-429	33	7	132	14	3	1	4	2	113	118
38 Hypertension 401,403	2	1	4	1			2	1	5	13
39 Cerebrovascular diseases 430-438	22	10	130	16	1	2	3	1	138	100
40 Atherosclerosis 440	6	1	28	3			2	2	41	10
41 Other diseases of arteries, arterioles, and capillaries 441-448	2	1	17		1				16	11
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	6	1	41	3		1	1		43	31
44 Chronic obstructive pulmonary diseases. 490-496	9		48	2	1		2		49	28
45 Ulcer of stomach and duodenum 531-533	2	1	5					2	3	1
46 Appendicitis 540-543										1
47 Hernia & intestinal obstruction . 550-553,560	1		1						3	2
48 Chronic liver disease and cirrhosis 571	5	1	21				1		23	13
49 Cholelithiasis and other disorders of gall bladder 574-575			2							3
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			10	2					9	11
51 Infections of kidney 590			2						1	
52 Hyperplasia of prostate 600			1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676										1
54 Congenital anomalies 740-759	4	1	7	1					5	8
55 Certain conditions originating in the perinatal period 760-779	3	1	9	5					9	39
56 Symptoms and ill-defined conditions . 780-799	1		6	1		1			6	13
57 All other diseases .... Residual	18	5	108	12	2	1	4	4	90	117
58 Accidents E800-E949	18	1	45	11	3	3	5	3	49	69
59 Motor vehicle accidents E810-E825	11	1	23	5	2	1	3	3	12	11
60 Home accidents .... (Home) E850-E949	3		9	3		2	1		19	27
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	4		13	3	1		1		18	31
62 Suicide E950-E959	9		23		1				24	13
63 Homicide and legal intervention ... E960-E978	5		10	5	2				12	37
64 Other external causes E980-E999										2

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 16

Cause of Death	Planning District 16			Caroline		King George	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	834	663	171	98	76	64	19
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018	1		1				
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036	1	1					
7 Septicemia 038	6	5	1	1	1		
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1					
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139							
13 Malignant neoplasms 140-208	206	161	45	24	22	16	2
14 Lip, oral cavity and pharynx 140-149	3	3				1	
15 Digestive organs and peritoneum ... 150-159	46	33	13	7	8	3	
16 Respiratory & intrathoracic organs. 160-165	64	53	11	10	5	6	1
17 Breast 174-175	15	10	5		1	2	1
18 Genital organs 179-187	17	8	9	1	5	1	
19 Urinary organs 188-189	10	9	1	1		1	
20 Other & unspecified sites . 170-173,190-199	31	27	4	4	3		
21 Leukemia 204-208	9	8	1				
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	10	1	1		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5		1			
24 Diabetes mellitus 250	12	7	5	2	3		1
25 Nutritional deficiencies 260-269							
26 Anemias 280-285	1		1				
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	360	293	67	41	28	31	10
29 Diseases of heart 390-398,402,404-429	277	225	52	32	22	23	8
30 Rheumatic fever and rheumatic heart disease 390-398	5	4	1			1	1
31 Hypertensive heart disease 402	6	5	1		1	2	
32 Hypertensive heart & renal disease .. 404							
33 Ischemic heart disease 410-414	193	159	34	20	13	17	5
34 Acute myocardial infarction 410	112	92	20	9	11	10	1
35 Other ischemic heart disease .. 411-414	81	67	14	11	2	7	4
36 Other diseases of endocardium 424	1	1					
37 All other forms of heart disease 415-423,425-429	72	56	16	12	8	3	2
38 Hypertension 401,403	5	4	1		1		
39 Cerebrovascular diseases 430-438	62	50	12	8	5	8	1
40 Atherosclerosis 440	11	10	1				1
41 Other diseases of arteries, arterioles, and capillaries 441-448	5	4	1	1			
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	24	21	3	2	2	2	1
44 Chronic obstructive pulmonary diseases. 490-496	19	17	2	2	1	4	
45 Ulcer of stomach and duodenum 531-533	1	1					
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	1	1					
48 Chronic liver disease and cirrhosis 571	8	7	1	4	1	1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	2	2		1		
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	8	7	1	1		1	
55 Certain conditions originating in the perinatal period 760-779	13	8	5	2	1		1
56 Symptoms and ill-defined conditions . 780-799	5	4	1	1			
57 All other diseases .... Residual	56	44	12	8	6	2	3
58 Accidents E800-E949	76	59	17	5	8	6	1
59 Motor vehicle accidents E810-E825	51	43	8	5	3	4	
60 Home accidents .... (Home) E850-E949	9	5	4		2	2	1
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	16	11	5		3		
62 Suicide E950-E959	12	12		3		1	
63 Homicide and legal intervention ... E960-E978	12	5	7	1	2		
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 16 (continued)

Cause of Death	Spotsylvania		Stafford		Fredericksburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	163	35	193	14	145	27
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						1
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036			1			
7 Septicemia 038	2		1		1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	1					
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139						
13 Malignant neoplasms 140-208	39	8	42	6	40	7
14 Lip, oral cavity and pharynx 140-149	1		1			
15 Digestive organs and peritoneum ... 150-159	9	1	9	1	5	3
16 Respiratory & intrathoracic organs. 160-165	16	3	13	2	8	
17 Breast 174-175	1		3	3	4	
18 Genital organs 179-187		2	2		4	2
19 Urinary organs 188-189	2		3		2	1
20 Other & unspecified sites . 170-173,190-199	3		8		12	1
21 Leukemia 204-208	4	1	1		3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3	1	2		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2				2	
24 Diabetes mellitus 250	1		1		3	1
25 Nutritional deficiencies 260-269						
26 Anemias 280-285				1		
27 Meningitis 320-322			1			
28 Major cardiovascular diseases 390-448	70	17	85	3	66	9
29 Diseases of heart 390-398,402,404-429	48	14	67	2	55	6
30 Rheumatic fever and rheumatic heart disease 390-398	1		2			
31 Hypertensive heart disease 402	1		2			
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	31	11	52	1	39	4
34 Acute myocardial infarction 410	19	7	33		21	1
35 Other ischemic heart disease .. 411-414	12	4	19	1	18	3
36 Other diseases of endocardium 424					1	
37 All other forms of heart disease 415-423,425-429	15	3	11	1	15	2
38 Hypertension 401,403			1		3	
39 Cerebrovascular diseases 430-438	15	2	12	1	7	3
40 Atherosclerosis 440	6		3		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	1	1	2			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2		7		8	
44 Chronic obstructive pulmonary diseases. 490-496	4	1	3		4	
45 Ulcer of stomach and duodenum 531-533			1			
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560			1			
48 Chronic liver disease and cirrhosis 571	2					
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	1				
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2	1	2		1	
55 Certain conditions originating in the perinatal period 760-779	3		2	1	1	2
56 Symptoms and ill-defined conditions . 780-799	1		1	1	1	
57 All other diseases .... Residual	11		14		9	3
58 Accidents E800-E949	15	5	26	2	7	1
59 Motor vehicle accidents E810-E825	9	3	19	1	6	1
60 Home accidents .... (Home) E850-E949	1	1	2			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	5	1	5	1	1	
62 Suicide E950-E959	3		3		2	
63 Homicide and legal intervention ... E960-E978	3	2	1			3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 17

Cause of Death	Planning District 17			Lancaster		Northumberland		Richmond		Westmoreland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	552	387	165	117	48	90	42	65	22	115	53
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	1	1						1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	6	4	2	1		2		1	1		1
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	1	1								1	
13 Malignant neoplasms 140-208	125	93	32	26	9	21	12	19	5	27	6
14 Lip, oral cavity and pharynx 140-149	1	1		1							
15 Digestive organs and peritoneum ... 150-159	32	20	12	5	4	3	3	5	1	7	4
16 Respiratory & intrathoracic organs. 160-165	42	33	9	10	2	7	4	5	2	11	1
17 Breast 174-175	5	5		2		1				2	
18 Genital organs 179-187	17	13	4	1	1	6	2	6			1
19 Urinary organs 188-189	6	5	1	3	1			1		1	
20 Other & unspecified sites . 170-173,190-199	13	10	3	4	1	1	1		1	5	
21 Leukemia 204-208	3	1	2				2	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	5	1			3		1	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1				1					
24 Diabetes mellitus 250	9	2	7		1		2		3	2	1
25 Nutritional deficiencies 260-269											
26 Anemias 280-285											
27 Meningitis 320-322	2		2		1						1
28 Major cardiovascular diseases 390-448	289	204	85	75	25	45	23	27	7	57	30
29 Diseases of heart 390-398,402,404-429	206	140	66	47	18	26	17	19	5	48	26
30 Rheumatic fever and rheumatic heart disease 390-398	1		1						1		
31 Hypertensive heart disease 402	1		1				1				
32 Hypertensive heart & renal disease .. 404											
33 Ischemic heart disease 410-414	165	113	52	40	14	22	12	16	4	35	22
34 Acute myocardial infarction 410	99	76	23	31	8	15	3	7	1	23	11
35 Other ischemic heart disease .. 411-414	66	37	29	9	6	7	9	9	3	12	11
36 Other diseases of endocardium 424	2	2								2	
37 All other forms of heart disease 415-423,425-429	37	25	12	7	4	4	4	3		11	4
38 Hypertension 401,403	3		3		1		1				1
39 Cerebrovascular diseases 430-438	61	47	14	23	5	11	4	8	2	5	3
40 Atherosclerosis 440	11	10	1	4	1	3				3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	7	1	1		5	1			1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	20	14	6	2	3	1	2	3	1	8	
44 Chronic obstructive pulmonary diseases. 490-496	8	7	1	1		3				3	1
45 Ulcer of stomach and duodenum 531-533	5	3	2	1			1		1	2	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560											
48 Chronic liver disease and cirrhosis 571	4	3	1	1		1		1			1
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1								1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	6	1	1		3		2			1
51 Infections of kidney 590	2	2				1				1	
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759											
55 Certain conditions originating in the perinatal period 760-779	2		2								2
56 Symptoms and ill-defined conditions . 780-799	2	1	1	1	1						
57 All other diseases .... Residual	30	19	11	3	4	5	2	4	1	7	4
58 Accidents E800-E949	23	15	8	3	3	5		4	3	3	2
59 Motor vehicle accidents E810-E825	10	7	3	3	1	3			1	1	1
60 Home accidents .... (Home) E850-E949	4	4				2		2			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	9	4	5		2			2	2	2	1
62 Suicide E950-E959	9	7	2	1	1	1		2		3	1
63 Homicide and legal intervention ... E960-E978	5	3	2	1		1		1			2
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 18

Cause of Death	Planning District 18			Essex		Gloucester		King and Queen	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	680	477	203	60	41	152	42	40	40
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	6	4	2		1	1		2	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	1		1						1
13 Malignant neoplasms 140-208	166	125	41	16	11	42	10	12	9
14 Lip, oral cavity and pharynx 140-149	6	6		1		1			
15 Digestive organs and peritoneum ... 150-159	36	30	6	3	4	7	1	3	
16 Respiratory & intrathoracic organs. 160-165	47	39	8	4	2	13	4	5	2
17 Breast 174-175	10	8	2			4	2		
18 Genital organs 179-187	22	9	13	1	3	3	1	2	4
19 Urinary organs 188-189	9	8	1	2	1	3		2	
20 Other & unspecified sites . 170-173,190-199	21	17	4	4		8			1
21 Leukemia 204-208	7	4	3	1		2			2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	4	4		1	1	2		
23 Benign neoplasms and neoplasms of unspecified nature 210-239									
24 Diabetes mellitus 250	12	3	9		2		2		1
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	1	1							
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	317	225	92	28	18	63	22	15	16
29 Diseases of heart 390-398,402,404-429	240	169	71	21	17	51	17	12	9
30 Rheumatic fever and rheumatic heart disease 390-398	1	1							
31 Hypertensive heart disease 402	9	5	4			3	1		
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	157	112	45	14	15	27	9	7	6
34 Acute myocardial infarction 410	93	67	26	9	9	17	4	3	3
35 Other ischemic heart disease .. 411-414	64	45	19	5	6	10	5	4	3
36 Other diseases of endocardium 424	4	3	1			1	1	1	
37 All other forms of heart disease 415-423,425-429	69	48	21	7	2	20	6	4	3
38 Hypertension 401,403	5	3	2	1		1	2		
39 Cerebrovascular diseases 430-438	56	40	16	5	1	8	3	3	7
40 Atherosclerosis 440	8	6	2			1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	7	1	1		2			
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	28	17	11	4		6	3		3
44 Chronic obstructive pulmonary diseases. 490-496	16	14	2	3		5	1	1	
45 Ulcer of stomach and duodenum 531-533	1	1						1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560									
48 Chronic liver disease and cirrhosis 571	5	4	1			3			
49 Cholelithiasis and other disorders of gall bladder 574-575	2		2				1		1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	8	6	2	1	2	3		1	
51 Infections of kidney 590									
52 Hyperplasia of prostate 600	1		1						
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	7	6	1	1	1	2		2	
55 Certain conditions originating in the perinatal period 760-779	2	1	1			1			
56 Symptoms and ill-defined conditions . 780-799	6	4	2		1	2			
57 All other diseases .... Residual	47	33	14	1	3	11	1	4	5
58 Accidents E800-E949	38	22	16	4	2	11	2	2	2
59 Motor vehicle accidents E810-E825	24	14	10	3	2	9	1	1	
60 Home accidents .... (Home) E850-E949	1	1				1			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	13	7	6	1		1	1	1	2
62 Suicide E950-E959	10	7	3	1		1			2
63 Homicide and legal intervention ... E960-E978	5	4	1	1		1			
64 Other external causes E980-E999	1		1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 18 (continued)

Cause of Death	King William		Mathews		Middlesex	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	55	32	100	24	70	24
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1					1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139						
13 Malignant neoplasms 140-208	8	6	29	2	18	3
14 Lip, oral cavity and pharynx 140-149			4			
15 Digestive organs and peritoneum ... 150-159	3	1	6		8	
16 Respiratory & intrathoracic organs. 160-165	4		9		4	
17 Breast 174-175			2		2	
18 Genital organs 179-187	1	1	1	1	1	3
19 Urinary organs 188-189					1	
20 Other & unspecified sites . 170-173,190-199		3	4		1	
21 Leukemia 204-208		1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	1	2	1	1	1	1
25 Nutritional deficiencies 260-269						
26 Anemias 280-285			1			
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	31	18	51	12	37	6
29 Diseases of heart 390-398,402,404-429	20	13	37	10	28	5
30 Rheumatic fever and rheumatic heart disease 390-398	1					
31 Hypertensive heart disease 402		1		1	2	1
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	14	6	32	6	18	3
34 Acute myocardial infarction 410	11	4	14	4	13	2
35 Other ischemic heart disease .. 411-414	3	2	18	2	5	1
36 Other diseases of endocardium 424			1			
37 All other forms of heart disease 415-423,425-429	5	6	4	3	8	1
38 Hypertension 401,403			1			
39 Cerebrovascular diseases 430-438	10	4	7		7	1
40 Atherosclerosis 440	1		4	2		
41 Other diseases of arteries, arterioles, and capillaries 441-448		1	2		2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2	1	2	2	3	2
44 Chronic obstructive pulmonary diseases. 490-496	2		2		1	1
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560						
48 Chronic liver disease and cirrhosis 571					1	1
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589					1	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600				1		
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			1			
55 Certain conditions originating in the perinatal period 760-779		1				
56 Symptoms and ill-defined conditions . 780-799			1		1	1
57 All other diseases .... Residual	7		8	2	2	3
58 Accidents E800-E949	2	4	2	2	1	4
59 Motor vehicle accidents E810-E825		2	1	2		3
60 Home accidents .... (Home) E850-E949						
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	2	2	1		1	1
62 Suicide E950-E959			2		3	1
63 Homicide and legal intervention ... E960-E978	1			1	1	
64 Other external causes E980-E999				1		

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 19

Cause of Death	Planning District 19			Dinwiddie		Greensville		Prince George		Surry	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,437	875	562	100	75	38	49	64	34	25	34
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	2	1	1								
7 Septicemia 038	10	5	5								
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	2	2									
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	3	1	2		1			1			
13 Malignant neoplasms 140-208	311	195	116	24	14	5	11	16	6	5	9
14 Lip, oral cavity and pharynx 140-149	6	5	1	1							
15 Digestive organs and peritoneum ... 150-159	86	52	34	7	4	1	3	2	2		2
16 Respiratory & intrathoracic organs. 160-165	74	43	31	5	3		1	3			3
17 Breast 174-175	32	22	10	3	1	1	1	2	1		2
18 Genital organs 179-187	32	20	12	4	2	1	2	3	1	2	
19 Urinary organs 188-189	11	9	2		2			1			
20 Other & unspecified sites . 170-173,190-199	34	19	15	1	1	1	1	2		1	1
21 Leukemia 204-208	13	11	2	1				2		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	23	14	9	2	1	1	3	1	2	1	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6	2	4			1			1		1
24 Diabetes mellitus 250	18	8	10	2							1
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	2		2		1						
27 Meningitis 320-322	2		2								
28 Major cardiovascular diseases 390-448	707	449	258	51	35	23	28	25	14	15	12
29 Diseases of heart 390-398,402,404-429	531	342	189	39	21	20	24	17	13	10	9
30 Rheumatic fever and rheumatic heart disease 390-398	2	1	1	1			1				
31 Hypertensive heart disease 402	12	5	7		4		2				
32 Hypertensive heart & renal disease .. 404	2	1	1	1							
33 Ischemic heart disease 410-414	420	272	148	30	16	18	17	17	9	8	6
34 Acute myocardial infarction 410	209	137	72	10	6	14	13	13	6	4	2
35 Other ischemic heart disease .. 411-414	211	135	76	20	10	4	4	4	3	4	4
36 Other diseases of endocardium 424	1		1								
37 All other forms of heart disease 415-423,425-429	94	63	31	7	1	2	4		4	2	3
38 Hypertension 401,403	3	1	2								
39 Cerebrovascular diseases 430-438	150	89	61	10	14	2	2	8	1	5	3
40 Atherosclerosis 440	14	11	3	1		1	1				
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	6	3	1			1				
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	34	25	9	6	1	1		1	1	2	
44 Chronic obstructive pulmonary diseases. 490-496	29	21	8	1	2	1		1		1	2
45 Ulcer of stomach and duodenum 531-533	9	7	2								
46 Appendicitis 540-543	1		1								
47 Hernia & intestinal obstruction . 550-553,560	3		3		1						
48 Chronic liver disease and cirrhosis 571	13	10	3	2	1				1		
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1						1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	3	8	1		1	1		1		
51 Infections of kidney 590	1		1								
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	11	6	5				1	2			1
55 Certain conditions originating in the perinatal period 760-779	22	10	12	1	1	1		3	1		
56 Symptoms and ill-defined conditions . 780-799	13	8	5			1	1				
57 All other diseases .... Residual	106	65	41	9	7	3	2	6	3		2
58 Accidents E800-E949	83	42	41	3	10	1	3	6	3	2	6
59 Motor vehicle accidents E810-E825	35	19	16	2	3	1	2	4	2	1	3
60 Home accidents .... (Home) E850-E949	24	13	11		2		1			1	3
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	24	10	14	1	5			2	1		
62 Suicide E950-E959	20	12	8					2	2		
63 Homicide and legal intervention ... E960-E978	17	2	15		1		2		1		
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 19 (continued)

Cause of Death	Sussex		Colonial Heights		Emporia		Hopewell		Petersburg	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	41	68	148	4	44	28	189	33	226	237
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009										
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036			1			1				
7 Septicemia 038		2	1				3	1	1	2
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070									2	
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139										1
13 Malignant neoplasms 140-208	8	14	33		14	4	44	8	46	50
14 Lip, oral cavity and pharynx 140-149									4	1
15 Digestive organs and peritoneum ... 150-159	1	4	10		5	1	10	1	16	17
16 Respiratory & intrathoracic organs. 160-165	2	6	7		1	1	16	3	9	14
17 Breast 174-175	1		6		1		2	1	6	4
18 Genital organs 179-187	2	2	1		2	1	2		3	4
19 Urinary organs 188-189			3		1		3		1	
20 Other & unspecified sites . 170-173,190-199		2	4		1	1	6	2	3	7
21 Leukemia 204-208			1		1		3		2	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		1		2		2	1	2	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239									1	2
24 Diabetes mellitus 250		3	2			1	3		1	5
25 Nutritional deficiencies 260-269										
26 Anemias 280-285		1								
27 Meningitis 320-322										2
28 Major cardiovascular diseases 390-448	23	28	83	3	24	17	95	13	110	108
29 Diseases of heart 390-398,402,404-429	20	20	61	1	19	15	75	11	81	75
30 Rheumatic fever and rheumatic heart disease 390-398										
31 Hypertensive heart disease 402			1				1	1	3	
32 Hypertensive heart & renal disease .. 404										1
33 Ischemic heart disease 410-414	17	15	49		16	14	55	6	62	65
34 Acute myocardial infarction 410	11	8	18		12	9	28	5	27	23
35 Other ischemic heart disease .. 411-414	6	7	31		4	5	27	1	35	42
36 Other diseases of endocardium 424										1
37 All other forms of heart disease 415-423,425-429	3	5	11	1	3	1	19	4	16	8
38 Hypertension 401,403		1	1							1
39 Cerebrovascular diseases 430-438	2	6	18	1	4	2	15	2	25	30
40 Atherosclerosis 440	1	1	1		1		4		2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448			2	1			1		2	1
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487		2	2				5	1	8	4
44 Chronic obstructive pulmonary diseases. 490-496	3	1	2	1			4	1	8	1
45 Ulcer of stomach and duodenum 531-533			3						4	2
46 Appendicitis 540-543		1								
47 Hernia & intestinal obstruction . 550-553,560								1		1
48 Chronic liver disease and cirrhosis 571					1		3		4	1
49 Cholelithiasis and other disorders of gall bladder 574-575										
50 Nephritis, nephrotic syndrome, and nephrosis 580-589						1			1	5
51 Infections of kidney 590										1
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	1						1		2	3
55 Certain conditions originating in the perinatal period 760-779		3	3				1	1	1	6
56 Symptoms and ill-defined conditions . 780-799			3			1	2	1	2	2
57 All other diseases .... Residual	3	4	6		4	1	13	2	21	20
58 Accidents E800-E949	2	5	5		1		10	2	12	12
59 Motor vehicle accidents E810-E825		2	1				5	1	5	3
60 Home accidents .... (Home) E850-E949	2	3	3				2		5	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949			1		1		3	1	2	7
62 Suicide E950-E959	1	2	3			1	4		2	3
63 Homicide and legal intervention ... E960-E978		2	1			1	1	2		6
64 Other external causes E980-E999										

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 20

Cause of Death	Planning District 20			Isle of Wight		Southampton		Chesapeake	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	6,296	4,049	2,247	112	83	82	91	582	244
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	2	2						1	
3 Tuberculosis, all forms 010-018	9	2	7		1				
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	6	6						1	
7 Septicemia 038	60	39	21	1	1		2	5	2
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	17	11	6		2			2	1
13 Malignant neoplasms 140-208	1,437	954	483	30	23	18	20	132	57
14 Lip, oral cavity and pharynx 140-149	39	23	16					4	2
15 Digestive organs and peritoneum 150-159	346	210	136	11	6	4	6	25	20
16 Respiratory & intrathoracic organs. 160-165	442	305	137	14	12	6	3	48	15
17 Breast 174-175	95	72	23	1		1		10	4
18 Genital organs 179-187	148	89	59		3		3	10	9
19 Urinary organs 188-189	52	37	15			2	3	8	3
20 Other & unspecified sites . 170-173,190-199	206	143	63	3	2	2	4	20	1
21 Leukemia 204-208	44	28	16	1			1	4	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	65	47	18			3		3	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	24	15	9	1	1		1	3	3
24 Diabetes mellitus 250	93	45	48	3	4		2	6	8
25 Nutritional deficiencies 260-269	1		1						
26 Anemias 280-285	8	6	2					1	
27 Meningitis 320-322	7	3	4	1				1	
28 Major cardiovascular diseases 390-448	2,931	1,869	1,062	47	35	41	45	271	106
29 Diseases of heart 390-398,402,404-429	2,272	1,478	794	38	22	36	32	222	81
30 Rheumatic fever and rheumatic heart disease 390-398	15	12	3			1			
31 Hypertensive heart disease 402	95	39	56		1	3	5	4	9
32 Hypertensive heart & renal disease .. 404	21	7	14					3	1
33 Ischemic heart disease 410-414	1,520	1,062	458	26	14	25	22	171	44
34 Acute myocardial infarction 410	783	557	226	14	7	15	17	90	28
35 Other ischemic heart disease .. 411-414	737	505	232	12	7	10	5	81	16
36 Other diseases of endocardium 424	17	10	7					3	
37 All other forms of heart disease 415-423,425-429	604	348	256	12	7	7	5	41	27
38 Hypertension 401,403	33	14	19				2	1	1
39 Cerebrovascular diseases 430-438	534	308	226	8	10	4	10	37	22
40 Atherosclerosis 440	50	36	14		2	1	1	4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	42	33	9	1	1			7	2
42 Acute bronchitis and bronchiolitis 466	2	1	1					1	
43 Pneumonia and influenza 480-487	176	119	57	4	2	2	2	17	7
44 Chronic obstructive pulmonary diseases. 490-496	186	151	35	5	2		2	19	4
45 Ulcer of stomach and duodenum 531-533	10	8	2						
46 Appendicitis 540-543	1		1						1
47 Hernia & intestinal obstruction . 550-553,560	19	12	7			1		3	2
48 Chronic liver disease and cirrhosis 571	82	52	30	1	1			4	3
49 Cholelithiasis and other disorders of gall bladder 574-575	6	3	3						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	61	27	34	1		1	2	4	2
51 Infections of kidney 590	6	4	2					1	
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676	2		2						1
54 Congenital anomalies 740-759	53	33	20	1		1	1	4	3
55 Certain conditions originating in the perinatal period 760-779	145	64	81					7	13
56 Symptoms and ill-defined conditions . 780-799	53	28	25	2			3	5	2
57 All other diseases Residual	420	265	155	8	6	10	5	39	13
58 Accidents E800-E949	283	205	78	4	3	7	4	36	9
59 Motor vehicle accidents E810-E825	128	97	31	2	2	5	2	19	4
60 Home accidents (Home) E850-E949	70	48	22	2		2	1	5	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	85	60	25		1		1	12	3
62 Suicide E950-E959	91	79	12	2	2	1		8	2
63 Homicide and legal intervention ... E960-E978	98	42	56				2	10	5
64 Other external causes E980-E999	6	3	3	1				1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 20 (continued)

Cause of Death	Franklin City		Norfolk		Portsmouth		Suffolk		Virginia Beach	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	40	41	1,324	906	543	442	245	268	1,121	172
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009									1	
3 Tuberculosis, all forms 010-018			2	2		4				
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036					1				4	
7 Septicemia 038		1	10	10	7	4	5	1	11	
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139		1	4				1		4	2
13 Malignant neoplasms 140-208	15	14	309	181	130	95	43	51	277	42
14 Lip, oral cavity and pharynx 140-149			7	9	7	3	2	1	3	1
15 Digestive organs and peritoneum ... 150-159	1	4	64	44	32	29	16	13	57	14
16 Respiratory & intrathoracic organs. 160-165	9	5	101	52	34	22	5	17	88	11
17 Breast 174-175			21	9	10	7	5	2	24	1
18 Genital organs 179-187	1	2	30	18	14	12	7	7	27	5
19 Urinary organs 188-189			9	5	7	3	1		10	1
20 Other & unspecified sites . 170-173,190-199	1	3	50	26	17	11	4	7	46	9
21 Leukemia 204-208	2		11	9	1	3	1	1	8	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1		16	9	8	5	2	3	14	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			2	2	1		1	1	7	1
24 Diabetes mellitus 250	1		13	11	3	8	3	7	16	8
25 Nutritional deficiencies 260-269				1						
26 Anemias 280-285			2	1			1	1	2	
27 Meningitis 320-322				2		1		1	1	
28 Major cardiovascular diseases 390-448	14	19	628	440	267	212	137	131	464	74
29 Diseases of heart 390-398,402,404-429	12	14	482	342	211	159	111	89	366	55
30 Rheumatic fever and rheumatic heart disease 390-398			4	1	1	1			6	1
31 Hypertensive heart disease 402	1	1	19	24	3	10	2	5	7	1
32 Hypertensive heart & renal disease .. 404			2	7	2	4		2		
33 Ischemic heart disease 410-414	10	10	331	182	160	89	73	63	266	34
34 Acute myocardial infarction 410	6	5	167	72	99	58	38	28	128	11
35 Other ischemic heart disease .. 411-414	4	5	164	110	61	31	35	35	138	23
36 Other diseases of endocardium 424			3	3	1	4	2		1	
37 All other forms of heart disease 415-423,425-429	1	3	123	125	44	51	34	19	86	19
38 Hypertension 401,403	1	1	6	9	1	2	2	4	3	
39 Cerebrovascular diseases 430-438	1	4	121	82	48	49	17	31	72	18
40 Atherosclerosis 440			9	4	4	1	6	5	12	1
41 Other diseases of arteries, arterioles, and capillaries 441-448			10	3	3	1	1	2	11	
42 Acute bronchitis and bronchiolitis 466						1				
43 Pneumonia and influenza 480-487		1	43	19	21	14	3	7	29	5
44 Chronic obstructive pulmonary diseases. 490-496	1	1	45	14	14	2	13	7	54	3
45 Ulcer of stomach and duodenum 531-533			4	1	1		1	1	2	
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction . 550-553,560			1	3	2			1	5	1
48 Chronic liver disease and cirrhosis 571	3		18	14	7	5	4	5	15	2
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1		1	3				
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			10	15	3	6	1	7	7	2
51 Infections of kidney 590			2	2					1	
52 Hyperplasia of prostate 600			1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676				1						
54 Congenital anomalies 740-759			10	9	6	4	1	1	10	2
55 Certain conditions originating in the perinatal period 760-779		2	21	31	8	15	5	11	23	9
56 Symptoms and ill-defined conditions . 780-799			6	10	5	3	3	7	7	
57 All other diseases .... Residual	4	2	90	65	32	37	13	14	69	13
58 Accidents E800-E949			69	33	24	12	8	10	57	7
59 Motor vehicle accidents E810-E825			28	9	9	6	6	4	28	4
60 Home accidents .... (Home) E850-E949			17	13	10	6			12	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949			24	11	5		2	6	17	3
62 Suicide E950-E959	1		21	6	7	2	2		37	
63 Homicide and legal intervention ... E960-E978			11	31	3	14		3	18	1
64 Other external causes E980-E999			1	2				1		

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981

PLANNING DISTRICT 21

Cause of Death	Planning District 21			James City County		York		Hampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,414	1,598	816	88	50	154	45	564	293
1 Shigellosis and amebiasis ... 004,006									
2 Certain other intestinal infections . 007-009	1	1		1					
3 Tuberculosis, all forms ... 010-018	3	1	2					1	
4 Whooping cough ... 033									
5 Streptococcal sore throat, scarlatina and erysipelas ... 034-035									
6 Meningococcal infection ... 036	2	2							
7 Septicemia ... 038	37	25	12				1	12	6
8 Acute poliomyelitis ... 045									
9 Measles ... 055									
10 Viral hepatitis ... 070	1	1						1	
11 Syphilis ... 090-097									
12 Other infectious & parasitic diseases ... Residual of 001-139	5	4	1					4	1
13 Malignant neoplasms ... 140-208	552	367	185	18	10	45	12	124	71
14 Lip, oral cavity and pharynx ... 140-149	7	4	3	1		1		2	1
15 Digestive organs and peritoneum ... 150-159	126	83	43	5	2	8	4	20	14
16 Respiratory & intrathoracic organs. 160-165	188	123	65	4	3	12	3	55	27
17 Breast ... 174-175	38	24	14		1	5	1	11	5
18 Genital organs ... 179-187	41	26	15			3		7	5
19 Urinary organs ... 188-189	22	14	8	2		4	1	4	4
20 Other & unspecified sites . 170-173,190-139	87	63	24	3	4	7	2	18	9
21 Leukemia ... 204-208	21	12	9	2		3	1	1	4
22 Other neoplasms of lymphatic and hematopoietic tissues ... 200-203	22	18	4	1		2		6	2
23 Benign neoplasms and neoplasms of unspecified nature ... 210-239	2	1	1		1				
24 Diabetes mellitus ... 250	30	19	11	2		2		8	5
25 Nutritional deficiencies ... 260-269	3	2	1					1	
26 Anemias ... 280-285	3	3						3	
27 Meningitis ... 320-322	2		2						1
28 Major cardiovascular diseases ... 390-448	1,076	720	356	36	19	68	20	257	131
29 Diseases of heart ... 390-398,402,404-429	869	588	281	25	14	57	17	215	102
30 Rheumatic fever and rheumatic heart disease ... 390-398	6	5	1			1		1	
31 Hypertensive heart disease ... 402	14	10	4	1		1		5	1
32 Hypertensive heart & renal disease .. 404	3	1	2					1	1
33 Ischemic heart disease ... 410-414	594	428	166	18	11	50	7	152	61
34 Acute myocardial infarction ... 410	316	229	87	17	7	25	3	93	37
35 Other ischemic heart disease .. 411-414	278	199	79	1	4	25	4	59	24
36 Other diseases of endocardium ... 424	12	5	7					3	3
37 All other forms of heart disease ... 415-423,425-429	240	139	101	6	3	5	10	53	36
38 Hypertension ... 401,403	7	4	3	1		1		2	2
39 Cerebrovascular diseases ... 430-438	155	99	56	6	4	9	3	30	24
40 Atherosclerosis ... 440	14	9	5	1				6	1
41 Other diseases of arteries, arterioles, and capillaries ... 441-448	31	20	11	3	1	1		4	2
42 Acute bronchitis and bronchiolitis ... 466									
43 Pneumonia and influenza ... 480-487	72	49	23	5	2	4		17	4
44 Chronic obstructive pulmonary diseases. 490-496	66	54	12	4	2	7	3	13	1
45 Ulcer of stomach and duodenum ... 531-533	8	8						6	
46 Appendicitis ... 540-543	4	2	2	1	1			1	
47 Hernia & intestinal obstruction . 550-553,560	10	4	6				1	4	3
48 Chronic liver disease and cirrhosis ... 571	37	22	15	1	1	2	1	11	4
49 Cholelithiasis and other disorders of gall bladder ... 574-575	1	1						1	
50 Nephritis, nephrotic syndrome, and nephrosis ... 580-589	17	6	11	1	1	1		1	4
51 Infections of kidney ... 590	1		1						
52 Hyperplasia of prostate ... 600									
53 Complications of pregnancy, childbirth, and the puerperium ... 630-676	1	1							
54 Congenital anomalies ... 740-759	29	17	12			3		6	8
55 Certain conditions originating in the perinatal period ... 760-779	48	23	25		4	1	1	8	13
56 Symptoms and ill-defined conditions . 780-799	20	13	7	1				4	5
57 All other diseases ... Residual	185	115	70	6	4	10	2	32	20
58 Accidents ... E800-E949	119	83	36	11	3	9	3	22	8
59 Motor vehicle accidents ... E810-E825	54	41	13	6	3	5		8	3
60 Home accidents ... (Home) E850-E949	25	12	13	2		1	1	5	1
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	40	30	10	3		3	2	9	4
62 Suicide ... E950-E959	38	35	3	1		2	1	15	2
63 Homicide and legal intervention ... E960-E978	39	18	21		2			12	6
64 Other external causes ... E980-E999	2	1	1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 21 (continued)

Cause of Death	Newport News		Poquoson		Williamsburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	684	415	44		64	13
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018		2				
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	2					
7 Septicemia 038	11	5	2			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139						
13 Malignant neoplasms 140-208	156	89	11		13	3
14 Lip, oral cavity and pharynx 140-149		2				
15 Digestive organs and peritoneum ... 150-159	42	22	2		6	1
16 Respiratory & intrathoracic organs. 160-165	46	31	3		3	1
17 Breast 174-175	7	7	1			
18 Genital organs 179-187	12	10	3		1	
19 Urinary organs 188-189	4	3				
20 Other & unspecified sites . 170-173,190-199	31	8	1		3	1
21 Leukemia 204-208	6	4				
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	2	1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1					
24 Diabetes mellitus 250	6	6	1			
25 Nutritional deficiencies 260-269		1			1	
26 Anemias 280-285						
27 Meningitis 320-322		1				
28 Major cardiovascular diseases 390-448	314	179	16		29	7
29 Diseases of heart 390-398,402,404-429	259	142	12		20	6
30 Rheumatic fever and rheumatic heart disease 390-398	3	1				
31 Hypertensive heart disease 402	3	3				
32 Hypertensive heart & renal disease .. 404		1				
33 Ischemic heart disease 410-414	185	84	9		14	3
34 Acute myocardial infarction 410	79	38	7		8	2
35 Other ischemic heart disease .. 411-414	106	46	2		6	1
36 Other diseases of endocardium 424	2	4				
37 All other forms of heart disease 415-423,425-429	66	49	3		6	3
38 Hypertension 401,403		1				
39 Cerebrovascular diseases 430-438	42	24	4		8	1
40 Atherosclerosis 440	2	4				
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	8			1	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	21	17	1		1	
44 Chronic obstructive pulmonary diseases. 490-496	26	6	3		1	
45 Ulcer of stomach and duodenum 531-533	2					
46 Appendicitis 540-543		1				
47 Hernia & intestinal obstruction . 550-553,560		1				1
48 Chronic liver disease and cirrhosis 571	8	8				1
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	6				
51 Infections of kidney 590		1				
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1					
54 Congenital anomalies 740-759	5	4	1		2	
55 Certain conditions originating in the perinatal period 760-779	12	6	2			1
56 Symptoms and ill-defined conditions . 780-799	5	2	1		2	
57 All other diseases .... Residual	55	44	4		8	
58 Accidents E800-E949	36	22	1		4	
59 Motor vehicle accidents E810-E825	21	7			1	
60 Home accidents .... (Home) E850-E949	3	11			1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	12	4	1		2	
62 Suicide E950-E959	13		1		3	
63 Homicide and legal intervention ... E960-E978	6	13				
64 Other external causes E980-E999	1	1				

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1981
PLANNING DISTRICT 22

Cause of Death	Planning District 22			Accomack		Northampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	600	380	220	270	124	110	96
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1	1				1	
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	5	1	4	1	1		3
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	2	1	1		1	1	
13 Malignant neoplasms 140-208	151	98	53	67	30	31	23
14 Lip, oral cavity and pharynx 140-149	3	1	2	1	1		1
15 Digestive organs and peritoneum 150-159	38	26	12	19	7	7	5
16 Respiratory & intrathoracic organs. 160-165	41	24	17	15	12	9	5
17 Breast 174-175	12	11	1	8		3	1
18 Genital organs 179-187	16	8	8	4	2	4	6
19 Urinary organs 188-189	5	5		5			
20 Other & unspecified sites . 170-173,190-199	22	14	8	9	3	5	5
21 Leukemia 204-208	10	6	4	4	4	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	3	1	2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4		3		1	
24 Diabetes mellitus 250	10	5	5	4	3	1	2
25 Nutritional deficiencies 260-269	1		1				1
26 Anemias 280-285							
27 Meningitis 320-322	1	1				1	
28 Major cardiovascular diseases 390-448	287	189	98	142	56	47	42
29 Diseases of heart 390-398,402,404-429	198	137	61	103	36	34	25
30 Rheumatic fever and rheumatic heart disease 390-398	2	2		1		1	
31 Hypertensive heart disease 402	4	2	2	2	1		1
32 Hypertensive heart & renal disease 404	2		2		2		
33 Ischemic heart disease 410-414	145	103	42	76	26	27	16
34 Acute myocardial infarction 410	96	72	24	55	16	17	8
35 Other ischemic heart disease 411-414	49	31	18	21	10	10	8
36 Other diseases of endocardium 424	1		1		1		
37 All other forms of heart disease 415-423,425-429	44	30	14	24	6	6	8
38 Hypertension 401,403							
39 Cerebrovascular diseases 430-438	71	38	33	28	16	10	17
40 Atherosclerosis 440	8	7	1	6	1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	10	7	3	5	3	2	
42 Acute bronchitis and bronchiolitis 466	1	1		1			
43 Pneumonia and influenza 480-487	12	10	2	5	2	5	
44 Chronic obstructive pulmonary diseases. 490-496	15	12	3	9	2	3	1
45 Ulcer of stomach and duodenum 531-533							
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	2	1	1		1	1	
48 Chronic liver disease and cirrhosis 571	3	2	1	2			1
49 Cholelithiasis and other disorders of gall bladder 574-575	3	2	1	1	1	1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	2	1	1		1	1
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	5	2	3	2	3		
55 Certain conditions originating in the perinatal period 760-779	5	2	3	1	2	1	1
56 Symptoms and ill-defined conditions . 780-799	5	2	3	2	2		1
57 All other diseases Residual	44	25	19	19	8	6	11
58 Accidents E800-E949	30	17	13	8	7	9	6
59 Motor vehicle accidents E810-E825	14	8	6	2	2	6	4
60 Home accidents (Home) E850-E949	8	3	5	3	3		2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	8	6	2	3	2	3	
62 Suicide E950-E959	2	1	1	1	1		
63 Homicide and legal intervention E960-E978	7	1	6	1	4		2
64 Other external causes E980-E999	1		1				1

TABLE 47
MARRIAGES BY TYPE OF CEREMONY BY MONTH
VIRGINIA, 1981

Month	Total	Type of Ceremony		
		Religious	Civil	Unknown
TOTAL	61,410	45,086	16,315	9
January	3,476	2,314	1,162	
February	3,853	2,665	1,188	
March	3,830	2,636	1,194	
April	4,842	3,491	1,350	1
May	6,113	4,719	1,392	2
June	7.234	5.631	1,601	2
July	5,718	4,117	1,599	2
August	6,465	5,032	1,433	
September	5,300	4,036	1,264	
October	5,231	3,868	1,363	
November	4,518	3,293	1,225	
December	4,830	3,284	1,544	2

TABLE 48
MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE BY PREVIOUS MARITAL STATUS OF GROOM ACCORDING TO RACE OF GROOM, VIRGINIA, 1981

Previous Marital Status of Groom	Total	Previous Marital Status of Bride				
		Single	Widowed	Divorced	Annulled	Unknown
TOTAL	61,410	39,408	2,366	19,557	17	62
Single	38,830	32,002	398	6,390	6	34
Widowed	2,001	276	862	860	1	2
Divorced	20,537	7,110	1,105	12,300	9	13
Annulled	8	5		2	1	
Unknown	34	15	1	5		13
WHITE (Total)	52,061	32,354	2,062	17.579	14	52
Single	31,884	26,063	309	5,483	4	25
Widowed	1,710	199	765	743	1	2
Divorced	18,428	6,075	987	11,346	8	12
Annulled	8	5		2	1	
Unknown	31	12	1	5		13
NONWHITE (Total)	9,349	7,054	304	1,978	3	10
Single	6,946	5,939	89	907	2	9
Widowed	291	77	97	117		
Divorced	2,109	1,035	118	954	1	1
Annulled						
Unknown	3	3				

TABLE 49 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981

Planning District/ City or County	Place of Marriage			Residence of Bride			Residence of Groom		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	61,410	52,061	9,349	61,410	52,297	9,113	61,410	52,061	9,349
District 1	2,323	2,291	32	862	853	9	854	842	12
Lee	411	407	4	190	189	1	173	172	1
Scott	438	438		190	190		177	177	
Wise	1,388	1,364	24	477	469	8	502	491	11
Norton	86	82	4	5	5		2	2	
District 2	4,573	4,518	55	1,402	1,387	15	1,359	1,350	9
Buchanan	943	942	1	353	353		366	365	1
Dickenson	2,503	2,486	17	266	264	2	231	231	
Russell	477	469	8	347	344	3	333	331	2
Tazewell	650	621	29	436	426	10	429	423	6
District 3	1,871	1,823	48	1,458	1,424	34	1,386	1,353	33
Bland	71	67	4	41	41		51	47	4
Carroll	198	197	1	206	202	4	183	183	
Grayson	123	121	2	127	127		128	127	1
Smyth	334	328	6	318	313	5	296	291	5
Washington	397	389	8	354	349	5	337	331	6
Wythe	305	293	12	224	218	6	225	216	9
Bristol	373	359	14	187	173	14	163	155	8
Galax	70	69	1	1	1		3	3	
District 4	2,808	2,724	84	1,132	1,089	43	1,148	1,095	53
Floyd	92	89	3	83	80	3	91	88	3
Giles	1,798	1,760	38	169	163	6	159	153	6
Montgomery	502	478	24	477	460	17	504	482	22
Pulaski	291	277	14	289	278	11	280	268	12
Radford	125	120	5	114	108	6	114	104	10
District 5	2,834	2,654	180	2,434	2,291	143	2,270	2,116	154
Alleghany	133	130	3	97	96	1	101	100	1
Botetourt	181	174	7	185	182	3	183	178	5
Craig	34	34		33	33		36	36	
Roanoke	555	542	13	685	673	12	594	587	7
Clifton Forge	208	198	10	41	39	2	36	31	5
Covington	249	239	10	68	66	2	60	57	3
Roanoke City	1,220	1,089	131	1,046	927	119	1,027	895	132
Salem	254	248	6	279	275	4	233	232	1
District 6	1,992	1,930	62	1,826	1,775	51	1,729	1,664	65
Augusta	402	396	6	514	508	6	479	473	6
Bath	111	110	1	51	48	3	46	41	5
Highland	23	23		17	17		18	18	
Rockbridge	93	92	1	129	127	2	118	114	4
Rockingham	439	433	6	631	623	8	619	605	14
Buena Vista	83	80	3	53	49	4	42	41	1
Harrisonburg	219	210	9	23	23		26	24	2
Lexington	74	66	8	30	25	5	39	32	7
Staunton	322	302	20	196	180	16	163	148	15
Waynesboro	226	218	8	182	175	7	179	168	11
District 7	3,071	2,967	104	1,131	1,101	30	1,068	1,026	42
Clarke	113	104	9	82	76	6	86	79	7
Frederick	526	514	12	322	321	1	313	307	6
Page	178	175	3	158	158		143	140	3
Shenandoah	240	240		202	202		196	196	
Warren	223	210	13	186	173	13	173	163	10
Winchester	1,791	1,724	67	181	171	10	157	141	16
District 8	11,689	9,841	1,848	9,821	8,620	1,201	9,326	8,087	1,239
Arlington	2,526	1,909	617	1,523	1,262	261	1,534	1,252	282
Fairfax	3,741	3,472	269	5,066	4,586	480	4,598	4,129	469
Loudoun	510	468	42	439	416	23	417	392	25
Prince William	1,205	1,087	118	1,444	1,315	129	1,482	1,336	146
Alexandria	2,040	1,469	571	1,182	890	292	1,127	829	298
Fairfax City	1,076	884	192	97	90	7	91	82	9
Falls Church	360	340	20	63	54	9	66	57	9
Manassas	225	206	19	6	6		8	7	1
Manassas Park	6	6		1	1		3	3	
District 9	858	758	100	781	697	84	760	671	89
Culpeper	207	184	23	198	179	19	183	165	18
Fauquier	358	311	47	313	277	36	308	269	39
Madison	106	95	11	82	72	10	81	68	13
Orange	128	112	16	143	126	17	144	126	18
Rappahannock	59	56	3	45	43	2	44	43	1
District 10	1,355	1,179	176	1,253	1,091	162	1,248	1,083	165
Albemarle	357	328	29	495	453	42	486	442	44
Fluvanna	55	38	17	54	38	16	46	32	14
Greene	81	79	2	76	72	4	86	80	6
Louisa	143	107	36	143	110	33	147	110	37
Nelson	158	140	18	126	107	19	112	94	18
Charlottesville	561	487	74	359	311	48	371	325	46
District 11	1,694	1,476	218	1,607	1,405	202	1,565	1,370	195
Amherst	250	199	51	230	189	41	212	182	30
Appomattox	113	100	13	116	96	20	106	89	17
Bedford	341	313	28	267	253	14	293	277	16
Campbell	261	237	24	366	340	26	356	326	30
Bedford City	23	20	3	51	44	7	43	39	4
Lynchburg	706	607	99	577	483	94	555	457	98

*Refers to the race of the groom.

(continued)

TABLE 49 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1981 (continued)

Planning District/ City or County	Place of Marriage			Residence of Bride			Residence of Groom		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	61,410	52,061	9,349	61,410	52,297	9,113	61,410	52,061	9,349
District 12	2,148	1,715	433	2,015	1,616	399	1,883	1,502	381
Franklin	249	234	15	282	258	24	264	246	18
Henry	415	361	54	494	397	97	466	371	95
Patrick	148	138	10	130	124	6	121	117	4
Pittsylvania	473	359	114	487	373	114	497	381	116
Danville	576	417	159	468	343	125	379	269	110
Martinsville	287	206	81	154	121	33	156	118	38
District 13	716	489	227	627	412	215	588	386	202
Brunswick	121	75	46	111	62	49	97	57	40
Halifax	223	155	68	267	176	91	247	163	84
Mecklenburg	296	207	89	239	166	73	234	157	77
South Boston	76	52	24	10	8	2	10	9	1
District 14	615	446	169	577	421	156	558	409	149
Amelia	61	40	21	54	34	20	59	40	19
Buckingham	112	93	19	84	69	15	91	72	19
Charlotte	88	66	22	84	63	21	82	64	18
Cumberland	54	40	14	61	49	12	48	37	11
Lunenburg	90	56	34	78	49	29	83	53	30
Nottoway	106	79	27	109	83	26	97	72	25
Prince Edward	104	72	32	107	74	33	98	71	27
District 15	5,959	4,529	1,430	6,125	4,724	1,401	5,981	4,572	1,409
Charles City Co.	42	17	25	41	15	26	32	12	20
Chesterfield	996	920	76	1,349	1,243	106	1,299	1,189	110
Goochland	103	78	25	80	57	23	71	55	16
Hanover	418	373	45	407	366	41	394	352	42
Henrico	1,190	1,114	76	1,836	1,651	185	1,686	1,502	184
New Kent	79	72	7	70	62	8	85	75	10
Powhatan	99	72	27	76	62	14	93	80	13
Richmond City	3,032	1,883	1,149	2,266	1,268	998	2,321	1,307	1,014
District 16	1,023	902	121	945	850	95	890	807	83
Caroline	128	95	33	121	92	29	117	93	24
King George	84	74	10	72	66	6	70	65	5
Spotsylvania	219	196	23	303	281	22	263	246	17
Stafford	312	290	22	292	280	12	298	286	12
Fredericksburg	280	247	33	157	131	26	142	117	25
District 17	333	228	105	286	199	87	283	193	90
Lancaster	94	67	27	76	53	23	79	56	23
Northumberland	86	60	26	79	62	17	72	53	19
Richmond	53	40	13	34	29	5	45	34	11
Westmoreland	100	61	39	97	55	42	87	50	37
District 18	442	356	86	414	339	75	401	330	71
Essex	52	41	11	51	38	13	51	40	11
Gloucester	162	141	21	157	145	12	145	139	6
King and Queen	35	23	12	24	17	7	24	15	9
King William	71	47	24	71	49	22	70	52	18
Mathews	52	49	3	46	41	5	54	43	11
Middlesex	70	55	15	65	49	16	57	41	16
District 19	1,880	1,239	641	1,391	959	432	1,297	882	415
Dinwiddie	138	97	41	169	124	45	147	115	32
Greensville	34	19	15	65	32	33	68	39	29
Prince George	244	187	57	182	142	40	205	145	60
Surry	49	25	24	48	22	26	48	29	19
Sussex	65	41	24	68	39	29	71	38	33
Colonial Heights	207	197	10	155	150	5	135	134	1
Emporia	336	184	152	62	46	16	43	31	12
Hopewell	207	173	34	262	224	38	232	194	38
Petersburg	600	316	284	380	180	200	348	157	191
District 20	9,046	6,876	2,170	8,395	6,388	2,007	7,980	6,078	1,902
Isle of Wight	149	95	54	158	107	51	150	101	49
Southampton	151	90	61	152	85	67	162	93	69
Chesapeake	896	694	202	975	756	219	887	682	205
Franklin City	87	42	45	31	15	16	33	13	20
Norfolk	3,347	2,379	968	2,786	1,976	810	2,768	1,959	809
Portsmouth	1,038	668	370	890	551	339	846	546	300
Suffolk	379	193	186	336	174	162	331	180	151
Virginia Beach	2,999	2,715	284	3,067	2,724	343	2,803	2,504	299
District 21	3,777	2,831	946	3,451	2,533	918	3,321	2,420	901
James City Co.	91	65	26	199	149	50	198	150	48
York	233	209	24	268	221	47	242	211	31
Hampton	1,150	840	310	1,242	883	359	1,174	829	345
Newport News	1,819	1,283	536	1,609	1,158	451	1,575	1,106	469
Poquoson	53	53		57	57		49	49	
Williamsburg	431	381	50	76	65	11	83	75	8
District 22	299	208	91	248	168	80	239	161	78
Accomack	183	146	37	147	115	32	147	109	38
Northampton	116	62	54	101	53	48	92	52	40
Unknown	82	65	17	2	2		4	1	3
Out-of-State	22	16	6	13,227	11,953	1,274	15,272	13,663	1,609

TABLE 50 - MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM, VIRGINIA, 1981

AGE OF GROOM (in years)	Total	AGE OF BRIDE (In years)																													
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 +	Unk.
TOTAL	61,410	64	209	1,510	1,972	4,962	4,510	4,432	4,395	4,303	3,976	3,520	3,056	2,645	2,323	2,026	1,771	1,511	1,419	1,303	1,168	1,125	3,437	2,114	1,333	880	592	422	264	109	56	3
Under 15 .	1					1																										
15	1				1																											
16	103	1	11	32	20	17	12	2	1		2	1	3		1																	
17	460	5	26	116	109	114	51	16	9	5	2	4		1			1		1													
18	1,845	16	56	312	326	601	241	113	59	29	21	17	13	4	5	6	8	3	3	1		3	4	2	2							
19	2,868	14	44	313	386	812	608	283	156	77	47	36	20	15	16	12	7	3	6	3	2	2	5	1								
20	3,747	11	31	256	334	896	718	615	307	187	114	65	43	43	38	22	11	15	10	7	2	9	9	3		1						
21	4,191	5	14	139	250	714	679	690	602	353	235	144	92	77	45	38	26	17	23	11	6	7	18	5	1							
22	4,440	2	10	112	187	513	579	676	690	639	357	195	126	71	70	54	41	27	17	18	16	15	15	7	2							1
23	4,106	3	4	65	99	358	410	490	584	605	535	266	203	131	86	59	43	28	43	23	8	14	38	9	1		1					
24	3,978	1	5	55	80	261	310	383	467	531	530	460	259	183	114	86	69	50	33	25	23	15	29	7	2							
25	3,593	1	2	31	49	185	234	274	372	445	449	412	353	214	149	103	62	62	47	41	29	19	39	13	4	4						
26	3,234	1	1	16	31	128	171	216	275	298	361	348	358	276	215	156	105	65	55	38	36	17	48	14	3	1			1			
27	2,821	1	1	12	25	89	134	146	205	235	267	308	302	263	223	165	106	87	62	43	39	34	57	13	3	1						
28	2,508	1		10	18	68	95	136	155	171	213	235	235	242	192	185	136	89	79	64	39	37	82	15	6	4	1					
29	2,164			10	10	43	66	92	108	144	171	186	187	176	197	184	162	89	73	56	57	49	67	25	12							
30	1,991	1		6	12	34	44	72	69	123	141	174	164	160	151	154	132	126	98	73	62	51	105	21	12	4	2					
31	1,749		3	4	5	22	28	45	79	99	107	134	141	135	129	116	119	121	104	72	64	50	124	35	11	2						
32	1,619			4	6	26	30	32	55	91	81	105	104	124	119	128	107	110	109	97	83	47	121	30	8			1				1
33	1,545			1	6	14	18	31	39	71	71	87	99	101	115	94	117	109	92	117	87	62	147	57	6	3	1					
34	1,427			3	3	12	18	28	34	37	70	86	81	87	103	77	100	78	96	87	77	93	181	55	16	5						
35-39	4,458			10	8	31	32	61	92	102	139	155	181	227	231	229	251	236	243	269	278	286	896	359	95	31	12	2	1	1		
40-44	2,834		1	1	5	14	19	17	25	46	44	64	60	75	80	97	115	101	124	160	163	168	693	489	207	48	11	4	3			
45-49	1,832			1		3	9	6	6	14	9	21	22	25	27	43	27	56	63	58	57	78	398	422	313	130	28	8	6	1	1	
50-54	1,353	1			1	5	3	3	4		5	9	6	7	10	8	17	18	30	25	17	42	230	291	296	218	70	28	6		2	1
55-59	1,001					1	1	3	1		4	4	4	6	4	6	5	18	7	12	15	20	87	147	175	226	175	68	11	1		
60-64	679			1				2	1	1		2		1	2	3	3	2	1	3	5	4	24	70	100	121	160	121	45	7		
65-69	440											1		1	1	1	1	1				2	13	17	39	59	80	105	87	27	5	
70-74	226											1									1		4	5	11	11	33	56	61	31	12	
75+	195				1																2	1	3	2	8	11	18	29	43	41	36	
Unknown ..	1										1																					

TABLE 51
DIVORCES (INCLUDING ANNULMENTS) AND ANNULMENTS ONLY BY RACE BY MONTH OF DECREE VIRGINIA, 1981

Month	Final Divorces (Including Annulments)			Annulments Only		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	25,103	21,154	3,949	111	95	16
January	1,654	1,388	266	8	8	
February	1,672	1,390	282	10	7	3
March	1,955	1,651	304	9	8	1
April	2,160	1,790	370	5	3	2
May	2,027	1,690	337	10	10	
June	2,149	1,793	356	11	11	
July	2,291	1,946	345	12	11	1
August	1,930	1,583	347	7	6	1
September	2,167	1,823	344	6	5	1
October	2,279	1,950	329	12	12	
November	2,072	1,743	329	15	9	6
December	2,747	2,407	340	6	5	1

TABLE 52
DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND BY PLACE OF MARRIAGE AND NUMBER OF MINOR CHILDREN IN FAMILY, VIRGINIA, 1981

Place of Marriage/Minor Children	Total	White	Nonwhite
ALL DIVORCES AND ANNULMENTS	25,103	21,154	3,949
By place of Marriage:			
State of Virginia	15,826	12,960	2,866
Outside of Virginia	9,274	8,191	1,083
Unknown	3	3	
By number of minor children in family:			
No children	11,333	9,817	1,516
1 child	6,924	5,717	1,207
2 children	4,707	3,914	793
3 children	1,376	1,126	250
4 children	332	241	91
5 children	81	55	26
6 children	31	19	12
7 children	7	4	3
8 children	1	1	
9 children			
10 children or more			
Unknown	311	260	51

TABLE 53 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1981

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprisonment	Other & Unknown	Annulments
STATE OF VIRGINIA	25,103	21,154	3,949	21,670	2,345	506	75	396	111
District 1	357	351	6	229	111	4	1	8	4
Lee	99	98	1	72	24	2		1	
Scott	65	65		40	23	1		1	
Wise	193	188	5	117	64	1	1	6	4
Norton	(Included with Wise County)								
District 2	513	504	9	395	79	17	3	15	4
Buchanan	133	133		114	14	3		2	
Dickenson	74	74		54	11	5	1	1	2
Russell	114	111	3	86	20	4	1	2	1
Tazewell	192	186	6	141	34	5	1	10	1
District 3	834	821	13	648	133	15	7	23	8
Bland	23	23		16	4	1		1	1
Carroll	148	148		102	29	2	1	12	2
Grayson	96	95	1	69	20	3	1	3	
Smyth	179	175	4	143	27	5	1	1	2
Washington	190	189	1	153	28	2	2	3	2
Wythe	120	117	3	113	2	2	2	1	
Bristol	78	74	4	52	23			2	1
Galax	(Included with Carroll & Grayson Cos.)								
District 4	613	594	19	548	41	8	4	11	1
Floyd	37	36	1	33	4				
Giles	75	74	1	57	13	4		1	
Montgomery	268	261	7	246	15	1		5	1
Pulaski	180	174	6	160	8	3	4	5	
Radford	53	49	4	52	1				
District 5	1,221	1,122	99	902	210	32	3	66	8
Alleghany	86	80	6	71	4	7		3	1
Botetourt	92	87	5	77	10	3		2	
Craig	13	12	1	8	3	1		1	
Roanoke	373	368	5	255	88	8		21	1
Clifton Forge	20	17	3	8	8			3	1
Covington	(Included with Alleghany County)								
Roanoke City	509	432	77	379	83	11	3	29	4
Salem	128	126	2	104	14	2		7	1
District 6	814	769	45	703	75	23	3	8	2
Augusta	231	220	11	202	17	9		2	1
Bath	15	15		7	4	1		2	1
Highland	3	3		3					
Rockbridge	79	75	4	61	12	5		1	
Rockingham	275	265	10	249	20	5		1	
Buena Vista	31	30	1	22	6	1	1	1	
Harrisonburg	(Included with Rockingham County)								
Lexington	(Included with Rockbridge County)								
Staunton	94	82	12	87	4	2	1		
Waynesboro	86	79	7	72	12		1	1	
District 7	581	556	25	509	44	23	1	2	2
Clarke	43	42	1	38	4	1			
Frederick	131	129	2	122	3	5	1		
Page	101	100	1	72	15	11		2	1
Shenandoah	122	118	4	109	9	4			
Warren	85	80	5	76	8	1			
Winchester	99	87	12	92	5	1			1
District 8	5,281	4,791	490	4,921	213	83	10	37	17
Arlington	710	633	77	671	25	7	3	3	1
Fairfax	2,898	2,692	206	2,715	109	51	1	13	9
Loudoun	322	295	27	303	10	3	1	4	1
Prince William	772	725	47	721	32	14	1	3	1
Alexandria	579	446	133	511	37	8	4	14	5
Fairfax City	(Included with Fairfax County)								
Falls Church	(Included with Fairfax County)								
Manassas	(Included with Prince William Co.)								
Manassas Park	(Included with Prince William Co.)								
District 9	399	350	49	339	39	8	1	11	1
Culpeper	113	102	11	88	15	4		5	1
Fauquier	149	134	15	145	3			1	
Madison	34	31	3	27	6	1			
Orange	76	59	17	57	13	2	1	3	
Rappahannock	27	24	3	22	2	1		2	
District 10	616	522	94	563	30	9	4	7	3
Albemarle	230	209	21	213	12	2	2	1	
Fluvanna	38	26	12	33	2			2	1
Greene	28	28		27	1				
Louisa	70	57	13	57	9	1		3	
Nelson	37	29	8	34	2	1			
Charlottesville	213	173	40	199	4	5	2	1	2
District 11	864	745	119	722	76	53	5	6	2
Amherst	127	114	13	105	14	4	1	1	2
Appomattox	41	35	6	27	13			1	
Bedford	150	143	7	132	9	5	2	2	
Campbell	210	193	17	165	23	21		1	
Bedford City	(Included with Bedford County)								
Lynchburg	336	260	76	293	17	23	2	1	

(continued)

TABLE 53 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1981 **(continued)**

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison-ment	Other & Unknown	Annul-ments
STATE OF VIRGINIA	25,103	21,154	3,949	21,670	2,345	506	75	396	111
District 12	923	761	162	771	103	22	4	16	7
Franklin	46	43	3	37	5	2		2	
Henry	319	282	37	243	55	8	1	7	5
Patrick	50	47	3	46	3	1			
Pittsylvania	219	178	41	186	19	9	1	4	
Danville	205	148	57	186	12	2	1	2	2
Martinsville	84	63	21	73	9		1	1	
District 13	318	206	112	251	57	4	4	1	1
Brunswick	39	22	17	34	4		1		
Halifax	167	108	59	121	40	3	1	1	1
Mecklenburg	112	76	36	96	13	1	2		
South Boston	(Included with Halifax County)								
District 14	300	218	82	268	18	5	2	6	1
Amelia	27	20	7	23	2			2	
Buckingham	28	22	6	26	1			1	
Charlotte	47	36	11	37	7	1		1	1
Cumberland	27	21	6	25		1	1		
Lunenburg	51	40	11	49	2				
Nottoway	58	41	17	51	3	2		2	
Prince Edward	62	38	24	57	3	1	1		
District 15	3,515	2,689	826	3,000	351	64	6	78	16
Charles City Co.	21	6	15	20				1	
Chesterfield	860	792	68	715	95	20	2	22	6
Goochland	40	32	8	35	4	1			
Hanover	244	216	28	207	27	5	1	3	1
Henrico	1,046	907	139	866	126	22	1	29	2
New Kent	48	38	10	37	10				1
Powhatan	41	32	9	36	3	1		1	
Richmond City	1,215	666	549	1,084	86	15	2	22	6
District 16	496	454	42	420	52	4	3	14	3
Caroline	61	45	16	49	9			3	
King George	44	38	6	38	5			1	
Spotsylvania	161	149	12	140	12	1	2	6	
Stafford	164	160	4	140	16	2	1	3	2
Fredericksburg	66	62	4	53	10	1		1	1
District 17	132	100	32	118	9	3		2	
Lancaster	30	23	7	26	4				
Northumberland	36	29	7	35	1				
Richmond	19	16	3	15	2	1		1	
Westmoreland	47	32	15	42	2	2		1	
District 18	240	199	41	206	23	3	1	5	2
Essex	35	26	9	30	3		1	1	
Gloucester	105	99	6	94	5	2		3	1
King and Queen	19	12	7	14	5				
King William	31	22	9	25	4			1	1
Mathews	24	20	4	20	3	1			
Middlesex	26	20	6	23	3				
District 19	728	502	226	589	94	16	3	24	2
Dinwiddie	65	52	13	50	8	4		2	1
Greensville	67	41	26	53	14				
Prince George	81	60	21	68	6	2		4	1
Surry	13	8	5	10	3				
Sussex	31	18	13	26	5				
Colonial Heights	104	103	1	84	10	6	1	3	
Emporia	(Included with Greensville County)								
Hopewell	153	132	21	113	28	3	1	8	
Petersburg	214	88	126	185	20	1	1	7	
District 20	4,341	3,398	943	3,717	479	73	7	43	22
Isle of Wight	56	43	13	47	6			1	2
Southampton	100	61	39	94	5			1	
Chesapeake	560	447	113	464	79	7	1	7	2
Franklin City	(Included with Southampton County)								
Norfolk	1,338	961	377	1,147	153	13	4	14	7
Portsmouth	547	340	207	465	66	9	1	4	2
Suffolk	168	91	77	150	12	3		3	
Virginia Beach	1,572	1,455	117	1,350	158	41	1	13	9
District 21	1,849	1,393	456	1,696	99	34	2	13	5
James City Co.	121	91	30	107	13	1			
York	194	169	25	177	11	5		1	
Hampton	570	394	176	519	27	17	1	4	2
Newport News	921	701	220	857	43	10	1	7	3
Poquoson	(Included with York County)								
Williamsburg	43	38	5	36	5	1		1	
District 22	168	109	59	155	9	3	1		
Accomack	101	74	27	92	6	2	1		
Northampton	67	35	32	63	3	1			

TABLE 54 - DIVORCE (INCLUDING ANNULMENTS) BY DURATION OF MARRIAGE AND PERSON GRANTED DIVORCE BY PLAINTIFF AND CAUSE OF DIVORCE, VIRGINIA, 1981

Cause	Plaintiff	TOTAL	DURATION OF MARRIAGE (in years)																		GRANTED TO		
			Under 1	1	2	3	4	5	6	7	8	9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Unk.	Husband	Wife	Other & Unknown
ALL CAUSES	Total	25,103	67	983	1,888	2,037	1,972	1,898	1,705	1,554	1,359	1,250	4,540	2,586	1,583	917	442	207	102	13	9,779	15,128	196
	Husband	9,574	25	385	674	761	714	669	625	603	514	492	1,711	1,000	648	401	193	93	58	8	9,150	348	76
	Wife	15,517	41	597	1,214	1,276	1,257	1,228	1,079	950	845	757	2,826	1,585	934	516	249	114	44	5	626	14,778	113
	Oth./Unk.	12	1	1			1	1	1	1		1	3	1	1						3	2	7
Separation for more than one year	Total	21,670	8	731	1,596	1,738	1,720	1,670	1,481	1,377	1,210	1,084	3,989	2,270	1,361	778	376	179	92	10	8,617	12,880	173
	Husband	8,413	4	291	576	651	627	593	540	534	467	425	1,539	909	578	362	174	83	54	6	8,083	260	70
	Wife	13,248	4	439	1,020	1,087	1,092	1,076	940	843	743	658	2,447	1,360	783	416	202	96	38	4	531	12,618	99
	Oth./Unk.	9		1			1	1	1			1	3	1							3	2	4
Desertion	Total	2,345	1	162	205	211	177	169	157	122	102	116	375	221	159	92	46	21	8	1	860	1,472	13
	Husband	873	1	73	79	78	70	63	65	54	35	52	125	67	55	26	16	10	4		796	72	5
	Wife	1,470		89	126	133	107	106	92	67	67	64	250	154	103	66	30	11	4	1	64	1,400	6
	Oth./Unk.	2								1					1								2
Adultery, Sodomy	Total	506	12	31	28	45	34	32	27	30	21	27	96	52	37	22	6	4	1	1	222	281	3
	Husband	208	6	14	13	27	14	10	14	11	9	10	41	19	12	6	1			1	197	10	1
	Wife	298	6	17	15	18	20	22	13	19	12	17	55	33	25	16	5	4	1		25	271	2
	Oth./Unk.																						
Imprisonment	Total	75	2	9	11	5	7	8	8	1	4	4	8	5	2		1				1	73	1
	Husband	1							1												1		
	Wife	74	2	9	11	5	7	8	7	1	4	4	8	5	2		1					73	1
	Oth./Unk.																						
Cruelty	Total	368		23	36	29	30	16	26	22	17	17	66	31	22	19	11	3			36	328	4
	Husband	36		2	3	3	3	1	2	3	3	3	6	3	2	2					32	4	
	Wife	332		21	33	26	27	15	24	19	14	14	60	28	20	17	11	3			4	324	4
	Oth./Unk.																						
Other/Unknown	Total	28	1	1	1	2	1		3	1	1	1	3	3	2	6	2				12	15	1
	Husband	12				1			1	1		1			1	5	2				12		
	Wife	16	1	1	1	1	1		2		1		3	3	1	1						15	
	Oth./Unk.																						
Annulments	Total	111	43	26	11	7	3	3	3	1	4	1	3	4					1	1	31	79	1
	Husband	31	14	5	3	1		2	2			1		2						1	29	2	
	Wife	79	28	21	8	6	3	1	1	1	4		3	2					1		2	77	
	Oth./Unk.	1	1																				1

TABLE 55
DIVORCES (INCLUDING ANNULMENTS) BY AGE OF WIFE BY AGE OF HUSBAND, VIRGINIA, 1981

Age of Husband (in years)	Total	AGE OF WIFE (in years) Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 and Over	Unk.
TOTAL	25,103			9	38	152	283	467	715	889	1,084	1,211	1,301	1,250	1,237	1,262	1,210	1,086	1,150	1,032	995	1,038	3,468	2,131	1,248	776	436	222	93	43	27	250
Under 15 .																																
15																																
16																																
17	3				2	1																										
18	22				4	10	2	3	2		1																					
19	49			1	5	13	12	4	6	4	1	1	1	1																		
20	146			3	7	12	37	47	24	3	5	1	2					1					1									3
21	298			1	2	31	54	56	70	38	19	10	3	2	4	2	3		1		1		1									
22	542			1	9	25	48	92	121	114	58	25	20	10	2	1	4	2	1	2	3		2									2
23	703				1	14	25	91	124	134	132	72	36	19	12	7	8	7	3	4	5		2	1								6
24	856				3	11	33	57	103	147	189	136	77	30	12	13	11	10	4	8	1	3	6									2
25	1,038				2	8	26	38	88	130	181	204	158	75	43	28	17	9	8	3	5	4	3	4	2							2
26	1,098			1	1	5	11	24	51	96	139	183	213	155	82	44	27	18	12	6	7	5	6	2		1	1					8
27	1,171				1	4	6	18	34	68	92	163	184	203	166	90	40	23	22	9	10	10	17	3	2							6
28	1,184			1		2	3	9	18	46	71	104	165	181	196	165	76	45	31	16	10	12	20	4	3							6
29	1,244					3	5	11	13	32	50	81	121	156	172	209	179	81	52	31	7	8	22	5		1						5
30	1,206					4	4	2	16	21	35	66	86	104	152	161	185	149	79	57	26	15	28	7		1	1					7
31	1,169					2	3	5	11	15	22	48	63	84	120	134	176	155	148	66	36	27	30	8	4							12
32	1,163						1	2	6	10	25	23	42	71	74	115	140	145	175	136	66	49	54	14	5	2						8
33	1,175					1	3	2	6	3	14	21	39	44	59	88	98	129	165	153	135	86	101	15	3						1	9
34	1,064						1		1	8	8	30	22	24	33	57	81	85	123	137	151	145	123	19	5	3						8
35-39	3,973				1	2	3	1	9	12	24	25	45	59	75	109	117	173	234	283	397	498	1,569	230	44	21	5	3	1			33
40-44	2,668					1		1	2	1	7	7	13	22	22	23	32	35	61	79	95	116	1,038	888	151	35	12	3	1			23
45-49	1,708					1				1	3	3	5	7	4	8	10	12	14	23	24	33	279	629	486	109	24	11	3	1		18
50-54	1,135							1	1			1	1	1	2	4	1	3	8	7	7	14	101	195	372	304	80	16	6		1	9
55-59	673							1	1				1		3		1		2	6	4	2	39	59	101	208	174	48	5	1	2	15
60-64	342						1					1					1	1		1		3	8	27	37	56	92	79	21	7		7
65-69	157						1													1		1	3	5	14	16	33	42	27	5	2	7
70-74	85						1															1		5	4	3	8	14	23	17	5	4
75 & Over	54													1									3		3	5	4	5	4	11	15	3
Unknown ..	177			1		2	3	2	8	6	8	6	4	1	4	4	3	3	7	4	5	6	12	11	12	11	2	1	2	1	1	47

COMMUNICABLE DISEASE

COMMUNICABLE DISEASE

Immunization disease case totals continued to fall in 1981. Of the 18 cases of rubeola reported, 56 percent were in the 10-14 year age group.

No cases of tetanus, diphtheria or polio were recorded in 1981.

Six of the ten pertussis cases were unimmunized or had received only one dose of DTP vaccine.

Only one outbreak of aseptic meningitis was identified in 1981 and involved 36 cases; the source was unknown. Of the 274 cases reported, an etiology could be identified for only 8, the most frequently identified being an Echo virus (63 percent). One case in a twelve year old female resulted in death.

As has been true in previous years, most encephalitis cases reported in 1981 (48 percent) had a viral etiology.

In 1981, the greatest number of bacterial meningitis cases was reported since surveillance began in 1973. As has been true in previous years, the predominating etiology of bacterial meningitis cases (excluding meningococcal) were *H. influenzae* (61 percent), *S. pneumoniae* (10 percent) and Group B. Strep (7 percent).Forty-eight percent of the reported cases were in the less than one year age group.Thirty-two of the 223 cases resulted in death, with listeria, *E. coli*, Group B Strep and *S. pneumoniae* having the highest fatality rates.Twenty-two percent of the *H. flu* cases were ampicillin resistant (as compared to 18 percent in 1980 and 13 percent in 1979).

Of the cases of pneumococcal meningitis for whom prior medical histories were available, 67 percent had no history of a chronic or serious underlying illness.

Reports of meningococcal infection were the greatest since 1955. Of the 103 cases, 18 expired. Of the cases for which a serogroup was identified, 43 percent were Group B; 37 percent, Group C; and 9 percent, Group Y. Cases ranged in age from 3 weeks to 83 years.

Salmonellosis cases again increased in 1981. Seven of the 1,572 reported cases resulted in death. The less than one year age group continued to predominate, accounting for 28 percent of the cases. As has been true for the past three years the predominating serotypes were *S. typhimurium* (45 percent), *S. heidelburg* (9 percent), *S. infantis* (6 percent) and *S. newport* (4 percent).

Six salmonellosis outbreaks were investigated, two of which occurred in nursing homes and involved both patients and staff.

The largest shigellosis outbreak investigated to date contributed to a record number of 1,211 cases reported in 1981. The outbreak produced 696 cases of *S. sonnei* and resulted primarily from transmission occurring in day care situations.

All five shigellosis outbreaks investigated in 1981 were due to *S. sonnei*.

Only one case and one carrier of typhoid fever were reported in 1981.

The 226 cases of campylobacter infection reported in 1981 ranged in age from newborn to 94 years with the 20-29 year age group predominating (32 percent).

Five foodborne outbreaks involving a total of 75 people were investigated in 1981. The largest outbreak involved 42 cases of S. sonnei in students of a private women's college. As has been true before, improper food storage was the most frequently identified factor contributing to the outbreak.

Reported cases of hepatitis A continued to decline in 1981. Of the cases for whom a history was available, 20 percent had been in contact with a known hepatitis A case within 2-6 months prior to onset of symptoms, 5 percent had dental work within the same period and 3 percent were associated in some way with a day care situation.

Unlike hepatitis A, hepatitis B case totals continued to increase. The predominating age groups were the 20-29 year group (27 percent) and the 30-39 year group (20 percent).

Of the cases for whom a history was available, 20 percent were known or suspected to be illegal intravenous drug users, 3 percent were involved in homosexual activities, 4 percent had received transfusions, 14 percent had received dental work and 6 percent were employed in a medical/dental field (61 percent in a hospital).

Of the 49 cases of Non-A, Non-B hepatitis for which a history was available, 53 percent had received a transfusion within 2-6 months prior to onset of symptoms. Thirty percent of the cases were in the 20-29 year age group.

All of Virginia's brucellosis cases reported in 1981 were abattoir-associated.

Sixty-eight percent of the Rocky Mountain spotted fever cases reported in 1981 and for whom a history was available had a tick bite or attachment prior to onset of symptoms and 87 percent experienced a rash. Neither of the two fatal cases had a known history of tick bite or attachment.

For the first time since surveillance began in 1942, the raccoon became the most frequently identified rabid animal in Virginia accounting for 62 percent of the 167 cases.

In 1981, surveillance of rabid animal behavior and exposure to humans was initiated. Of those animals for which a history was available, 55 percent exhibited aggressive behavior, 16 percent were visibly ill and 14 percent exhibited some other type of abnormal behavior. Human exposure was identified in only 7 percent of the animals found to be rabid.

In 1981, 47 percent of the skunks and 49 percent of the raccoons submitted for rabies testing were found to be positive.

Seventy-four percent of the malaria cases reported in 1981 had received no chemoprophylaxis. This fact is not to be unexpected in that 84 percent of the cases occurred in individuals who contracted the illness in the foreign country of which they were citizens. Thirty-four percent of the cases had resided or traveled in Southeast Asia and 28 percent in India or Pakistan.

Two cases of tuberculoid leprosy were identified in individuals from Southeast Asia.

Three of the eleven cases of Reye's Syndrome reported in 1981 resulted in death. Cases ranged in age from 3 months to 15 years. The prodrome of nine cases involved respiratory symptoms and in one case, chickenpox.

Kawasaki's Disease cases ranged in age from 9 months to 9 years. Of the 18 cases, 61 percent were female. There were no deaths.

Reports of legionellosis continued a gradual rise. Nine of the twenty-one cases were smokers, and six had a history of underlying illness. Males accounted for 76 percent of the cases. There was one death.

Nine outbreaks of nosocomial (hospital-acquired) disease involving 51 patients (2 deaths) were investigated in 1981. Three outbreaks were due to S. aureus infections and five outbreaks occurred in nurseries or NICU's.

Toxic Shock Syndrome cases ranged in age from 13-50 years. All of the eight cases were female, six of whom used tampons. There were no deaths.

One case of disseminated vaccinia occurred in a sixty-seven year old woman who was vaccinated prior to international travel.

The suspected vectors for the four tularemia cases reported in 1981 included a tick (2), an "unspecified insect" (1), and a rabbit (1). There were no deaths.

Three cases of trichinosis occurred in 1981. Two cases resulted from the consumption of commercially prepared raw sausage. The source of the third case could not be identified.

TUBERCULOSIS

In 1981, there were 670 new cases reported as compared with 652 in 1980. The 1981 new case rate was 12.3 per 100,000 population, a slight increase over the 1980 rate of 12.2. Virginia's 1981 rate was also higher than the National rate of 12.0. The increase in new cases for Virginia is due to the number of new foreign born cases which increased from 105 in 1980 to 137 in 1981. Without these foreign born cases, Virginia's new case rate would have been below the National rate.

NEW, ACTIVE TUBERCULOSIS CASES BY
AGE AND RACE
VIRGINIA, 1981

Age (in years)	Total	White	Black	Other
TOTAL	670	258	274	138
0-4	17	5	7	5
5-14	16	3	2	11
15-24	39	11	8	20
25-44	173	33	64	76
45-64	201	70	111	20
65+	224	136	82	6

VENEREAL DISEASE

During 1981, a total of 1,760 cases of syphilis were reported in Virginia: 687 cases of primary and secondary syphilis; 540 cases of early latent syphilis; and 533 cases of other syphilis. The increase in cases of syphilis in 1981 (13.0 percent over the 1,558 cases of syphilis in 1980) can be attributed to increases in primary and secondary and early latent syphilis morbidity. During 1981, primary and secondary syphilis showed a 17.6 percent increase (from 584 cases in 1980) and early latent syphilis showed a 30.1 percent increase (from 415 in 1980), while other syphilis reflected a 4.7 percent decrease (from 559 cases in 1980). During 1981, there were 22,108 cases of gonorrhea reported in Virginia, a 4.9 percent decrease from the 23,246 cases reported in 1980.

TABLE 56
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1981

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis			Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
					Type A	Type B	Type Unspecified												
STATE OF VIRGINIA	39	274	9	1,723	200	537	177	33	18	103	134	10	9	1,572	1,211	3	4	1	105
District 1		5		2	1	2	1		9		1			4	9				
Lee									9										
Scott		2				2									3				
Wise		3		2	1		1				1			4	6				
Norton*																			
District 2		13		15	7	1	2			1	1	2		28	32				2
Buchanan				4	2							1		4					
Dickenson				1										11	5				
Russell		10		5			1					1		4	17				1
Tazewell		3		5	5	1	1			1	1			9	10				1
District 3		10		17	14	10	7			1	1	2		17	31				2
Bland															1				
Carroll		2			2	1	1					1		2	16				
Grayson												1							
Smyth		6			3	5	2			1				3	2				
Washington		2		17	5	3	1				1			11	12				1
Wythe					4	1	3							1					1
Bristol*																			
Galax*																			
District 4	1	3		19	5	10				1	1		1	7	1	1			2
Floyd	1			3	1														
Giles						1								1	1				1
Montgomery		2		15	3	6					1		1	1					
Pulaski		1		1	1	3				1				5		1			1
Radford*																			
District 5	2	64		74	7	34	1	1		3	9		1	50	42				7
Alleghany		1		2		1								7					
Botetourt		2		3	1									3	2				
Craig		1												1					
Roanoke	1	18		10	3	7				1	4			17	21				4
Clifton Forge*																			
Covington*																			
Roanoke City	1	42		59	3	26	1	1		2	5		1	22	19				3
Salem*																			
District 6	1	15		29	2	16	2	1		2	4			48	37				1
Augusta		10		19	1	9	1				1			6					
Bath		1		1		2								10					
Highland*																			
Rockbridge		1			1					1	3			2					
Rockingham	1	3		9		5	1	1		1				30	37				1
Buena Vista*																			
Harrisonburg*																			
Lexington*																			
Staunton*																			
Waynesboro*																			
District 7		9		15	2	9	3					1	1	31	1				8
Clarke		2				1													
Frederick		4		1	1	2	2							12					4
Page				4		1								5	1				2
Shenandoah		2			1	1						1		8					2
Warren		1		10		4	1						1	6					
Winchester*																			
District 8	2	42		264	59	149	43	24	9	16	3	4		270	19		1		27
Arlington	1	1		22	11	34	7	6	1	1	1			18	4				1
Fairfax	1	34		40	30	73	16	10	6	8	1	1		175	2		1		17
Loudoun		2		34		1	1			1				11	3				2
Prince William		4		85	10	8	7	2		5		2		35	1				7
Alexandria		1		83	8	33	12	6	2	1	1	1		31	9				
Fairfax City*																			
Falls Church*																			
Manassas*																			
Manassas Park*																			
District 9		2		29	5	15	4			1			1	18	4				6
Culpeper				6	1	6				1				8	4				
Fauquier		2		21	1	3	2						1	8					5
Madison				1	1									1					
Orange				1	2	6	2												1
Rappahannock														1					
District 10		19		29	4	15	3			4	1			47	23				1
Albemarle		5		8	1	5	1			1	1			4					
Fluvanna		2		1		1	1			1				8					
Greene		1		3										4	1				
Louisa		1		2	1	2	1			1				7	3				1
Nelson		2		3											1				
Charlottesville		8		12	2	7				1				24	18				

*Included with surrounding county.

(continued)

TABLE 56
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1981 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis			Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
					Type A	Type B	Type Unspecified												
STATE OF VIRGINIA	39	274	9	1,723	200	537	177	33	18	103	134	10	9	1,572	1,211	3	4	1	105
District 11	10	31		37	3	9	5			5	1		1	43	15				5
Amherst	9	6		4	1	1	1			1				5					2
Appomattox		2		2		1								3	7				1
Bedford		7		7						2	1			4					
Campbell		5		5	1	1	1							4	7				1
Bedford City*																			
Lynchburg	1	11		19	1	6	3			2			1	27	1				1
District 12	2	5		21	2	7	4			8	3		1	53	2				6
Franklin		4		13		1	1						1	7	2				2
Henry	2					1	2			5				15					
Patrick										1				2					
Pittsylvania				7	1	2	1			1	1			11					3
Danville		1		1	1	3				1	2			18					1
Martinsville*																			
District 13	1	1		25	3	2	1			3	2			32	31				5
Brunswick					1	1				1				2	3				1
Halifax		1			1		1			1	2			21	26				2
Mecklenburg	1			25	1	1				1				9	2				2
South Boston*																			
District 14	1	2		12	2	2	3	1		2	2			41	54				7
Amelia						1								2					
Buckingham	1										1			4	1				1
Charlotte				3		1				1				1	46				2
Cumberland		1		1										5					
Lunenburg														5					1
Nottoway					1		2							4	3				1
Prince Edward		1		8	1		1	1		1	1			20	4				2
District 15	3	21		90	15	103	24	2		12	4		1	358	794	2	1		11
Charles City Co.					1									5	1				1
Chesterfield	1	3		16	2	16	5	1		2				46					2
Goochland		2			4	2	2			1				4	1				1
Hanover		4		1		2	3				1			35	54				1
Henrico	2	8		14	3	20	4	1		5			1	51	1				3
New Kent														1	6				
Powhatan		1		1	1	1								5	1				2
Richmond City		3		58	4	62	10			4	3			211	730	2	1		1
District 16		5		16	2	6	3			2	1			40	7		1		1
Caroline					1	2								10					
King George				7										1					
Spotsylvania				2			2							6					
Stafford				6	1	2				1				7	3				
Fredericksburg		5		1		2	1			1	1			16	4		1		1
District 17				105	1		1							9	1				3
Lancaster				102															
Northumberland					1		1							2					1
Richmond														1					1
Westmoreland				3										6	1				1
District 18	1	1		82	4	2	3				4			21	19				1
Essex				79	2						4			6	14				
Gloucester		1			1	1	2							4	1				1
King and Queen					1										1				
King William				2			1							3	3				
Mathews														3					
Middlesex	1			1		1								5					
District 19	3	2		11	11	22	5	1		3	1			63	64				1
Dinwiddie				3		4								6	5				
Greensville				4	4	1				1				10	12				1
Prince George		1			3	3	2			1	1			2	2				
Surry														2					
Sussex					1									6	2				
Colonial Heights*																			
Emporia*																			
Hopewell				1	1	1				1				3	10				
Petersburg	3	1		3	2	13	3	1						34	33				
District 20	6	14	9	785	36	83	27	2		32	91	1	2	244	6		1		4
Isle of Wight			9	2	1		1							15					1
Southampton	2				1									12					
Chesapeake		3		36	3	7	5			3	1			24	2		1		2
Franklin City*																			
Norfolk		6		431	8	26	10	1		12	6	1	1	80					
Portsmouth	2			51	6	24	6	1		3	9			43	1				
Suffolk	1			48		2				2	1			19					
Virginia Beach	1	5		217	17	24	5			12	74		1	51	3				1

*Included with surrounding county.

(continued)

TABLE 56
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE VIRGINIA, 1981 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis			Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
					Type A	Type B	Type Unspecified												
STATE OF VIRGINIA	39	274	9	1,723	200	537	177	33	18	103	134	10	9	1,572	1,211	3	4	1	105
District 21	6	10		46	14	39	33	1		5	4			109	15		1		4
James City Co.		2		12	1	1	5			1	1			13	10				3
York				1	1	3	2							3					
Hampton	1	3		13	1	16	13			3	1			36	1		1		1
Newport News	5	5		20	11	19	13	1		1	2			57	4				
Poquoson*																			
Williamsburg*																			
District 22					1	1	2			2				39	4				1
Accomack					1	1	1			2				34	4				
Northampton							1							5					1

*Included in surrounding county.

TABLE 57
REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES WITH CASE RATES PER 100,000 ESTIMATED POPULATION VIRGINIA, 1972-1981

Year	AMEBIASIS			BRUCELLOSIS			CHICKENPOX			DIPHTHERIA			HEPATITIS**			MEASLES (Rubeola)		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1972	191	4.0	0	30	0.6	0	1,020	21.4	2	0	0.0	0	1,185	24.9	N.A.	73	1.5	2
1973	87	1.8	0	10	0.2	0	1,367	28.4	0	1	*	0	736	15.3	N.A.	428	8.9	1
1974	179	3.6	0	27	0.6	0	669	13.6	2	0	0.0	0	823	16.8	N.A.	36	0.7	0
1975	99	2.0	0	52	1.0	0	1,155	23.3	3	0	0.0	0	845	17.0	N.A.	35	0.7	0
1976	97	1.9	0	28	0.6	0	1,146	22.8	3	0	0.0	0	743	14.8	N.A.	844	16.8	0
1977	73	1.4	1	37	0.7	0	784	15.3	0	0	0.0	0	803	15.6	N.A.	2,774	54.0	0
1978	35	0.7	0	6	0.1	0	1,076	20.9	5	0	0.0	0	769	14.9	N.A.	2,837	55.1	1
1979	49	0.9	0	17	0.3	0	963	18.3	2	1	*	0	938	17.8	N.A.	288	5.5	0
1980	63	1.2	1	5	0.1	0	483	9.0	1	0	0.0	0	999	18.7	N.A.	339	6.3	0
1981	39	0.7	0	9	0.2	0	1,723	31.7	1	0	0.0	0	914	16.8	N.A.	18	0.3	0

Year	MENINGOCOCCAL INFECTIONS			MENINGITIS (ASEPTIC)			MUMPS			PERTUSSIS			POLIOMYELITIS			ROCKY MOUNTAIN SPOTTED FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1972	45	0.9	8	208	4.4	N.A.	1,319	27.7	0	38	0.8	0	1	*	0	44	0.9	2
1973	49	1.0	7	162	3.4	N.A.	799	16.6	0	15	0.3	0	1	*	3	61	1.3	5
1974	43	0.9	7	63	1.3	N.A.	822	16.7	0	38	0.8	0	1	*	0	124	2.5	3
1975	24	0.5	6	116	2.3	N.A.	854	17.2	1	17	0.3	0	0	0.0	2	115	2.3	2
1976	44	0.9	5	53	1.1	N.A.	227	4.5	0	12	0.2	0	0	0.0	0	100	2.0	4
1977	39	0.8	5	202	3.9	N.A.	129	2.5	0	25	0.5	1	0	0.0	1	154	3.0	6
1978	73	1.4	9	193	3.7	N.A.	196	3.8	0	18	0.3	0	1	*	3	111	2.2	4
1979	87	1.7	15	266	5.1	N.A.	105	2.0	0	16	0.3	0	0	0.0	0	90	1.7	2
1980	67	1.3	8	188	3.5	N.A.	87	1.6	0	10	0.2	0	0	0.0	0	96	1.8	0
1981	103	1.9	18	274	5.0	N.A.	134	2.5	0	10	0.2	0	0	0.0	0	105	1.9	1

Year	RUBELLA			SALMONELLOSIS			SHIGELLOSIS			TETANUS			TULAREMIA			TYPHOID FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1972	67	1.4	0	938	19.7	2	450	9.4	0	4	0.1	1	18	0.4	1	9	0.2	0
1973	547	11.4	0	1,009	21.0	3	119	2.5	0	4	0.1	3	6	0.1	0	5	0.1	0
1974	67	1.4	0	546	11.1	1	213	4.3	0	4	0.1	3	4	0.1	0	2	*	0
1975	326	6.6	0	584	11.8	0	225	4.5	0	2	*	0	8	0.2	0	7	0.1	1
1976	247	4.9	0	559	11.1	2	127	2.5	0	1	*	0	3	0.1	0	6	0.1	0
1977	585	11.4	2	809	15.8	4	78	1.5	0	1	*	0	3	0.1	0	10	0.2	0
1978	247	4.8	0	990	19.2	3	142	2.8	0	1	*	1	5	0.1	0	4	0.1	0
1979	208	4.0	0	1,151	21.9	3	274	5.2	0	3	0.1	0	2	*	0	6	0.1	0
1980	42	0.8	0	1,303	24.4	3	198	3.7	0	3	0.1	0	1	*	0	9	0.2	0
1981	9	0.2	0	1,572	29.0	4	1,211	22.3	0	0	0.0	0	4	0.1	0	1	*	0

N.A. = Not available

*Less than 0.05

**Cases include serum hepatitis

TABLE 58 - TUBERCULOSIS CASES UNDER SUPERVISION AND NEWLY REPORTED CASES WITH RATES PER 100,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1981

Planning District/ City or County	Total Cases Under Supervision	Newly Reported Cases					
		Total		White		Nonwhite	
		No.	Rate	No.	Rate	No.	Rate
STATE OF VIRGINIA	732	670	12.3	258	6.0	412	36.3
District 1	13	9	9.0	9	9.1		
Lee	8	8	30.3	8	30.5		
Scott	1						
Wise	2						
Norton	2	1	21.7	1	23.1		
District 2	21	18	12.7	17	12.2	1	45.9
Buchanan	12	9	23.6	9	23.7		
Dickenson	1	1	5.0	1	5.0		
Russell	3	3	9.4	3	9.5		
Tazewell	5	5	9.8	4	8.1	1	64.9
District 3	14	10	5.5	8	4.5	2	39.4
Bland	2	1	15.6	1	16.2		
Carroll		1	3.5	1	3.6		
Grayson							
Smyth	2	2	6.0	1	3.1	1	143.3
Washington	3	3	6.3	3	6.4		
Wythe	4	2	7.8	1	4.0	1	101.2
Bristol	3	1	5.5	1	5.9		
Galax							
District 4	9	5	3.5	5	3.7		
Floyd							
Giles	1	1	5.6	1	5.8		
Montgomery	6	3	4.6	3	4.9		
Pulaski	2	1	2.8	1	3.0		
Radford							
District 5	29	22	8.6	13	5.8	9	30.3
Alleghany	1	1	7.0	1	7.2		
Botetourt		1	4.1	1	4.4		
Craig	2	1	27.0	1	27.1		
Roanoke	3	4	5.4	2	2.8	2	94.6
Clifton Forge							
Covington	2	1	11.5			1	84.1
Roanoke City	19	12	11.9	6	7.7	6	26.3
Salem	2	2	8.3	2	8.8		
District 6	9	20	9.5	13	6.5	7	65.3
Augusta	1	7	12.8	4	7.6	3	131.0
Bath		1	18.9	1	20.9		
Highland							
Rockbridge	1	2	11.0	2	11.4		
Rockingham	3	5	8.6	4	7.0	1	92.2
Buena Vista							
Harrisonburg							
Lexington							
Staunton	3	4	18.2	1	5.1	3	116.3
Waynesboro	1	1	6.6	1	7.3		
District 7	14	18	13.6	15	11.8	3	49.5
Clarke							
Frederick	2	2	5.8	2	5.9		
Page	4	4	20.5	4	21.1		
Shenandoah	1	2	7.3	2	7.4		
Warren	1	3	14.0	3	14.9		
Winchester	6	7	35.0	4	22.1	3	155.1
District 8	214	152	13.3	44	4.5	108	70.7
Arlington	89	66	43.0	12	9.5	54	202.9
Fairfax	83	56	9.1	20	3.6	36	51.4
Loudoun	3	6	10.3	3	5.8	3	50.3
Prince William	5	2	1.3	1	0.7	1	6.0
Alexandria	29	19	17.9	6	7.8	13	44.4
Fairfax City	1						
Falls Church	2	1	10.5			1	149.7
Manassas							
Manassas Park	2	2	31.3	2	33.2		
District 9	14	11	11.8	3	3.9	8	48.4
Culpeper	2	2	8.9			2	42.0
Fauquier	10	7	19.1	2	6.5	5	83.2
Madison	1	1	9.9	1	12.1		
Orange	1	1	5.5			1	31.0
Rappahannock							
District 10	8	11	7.6	8	6.8	3	11.1
Albemarle	2	4	7.0	2	4.0	2	28.8
Fluvanna		1	9.7	1	13.8		
Greene							
Louisa	1	1	5.6	1	8.4		
Nelson							
Charlottesville	5	5	12.5	4	12.3	1	13.3
District 11	15	9	4.6	4	2.5	5	13.1
Amherst	4	3	10.3	1	4.4	2	32.3
Appomattox							
Bedford							
Campbell	4	3	6.5	2	5.1	1	13.8
Bedford City	1						
Lynchburg	6	3	4.5	1	2.0	2	12.1
District 12	18	17	7.1	8	4.4	9	15.3
Franklin		1	2.8	1	3.2		
Henry	4	3	5.3	1	2.3	2	14.9
Patrick							
Pittsylvania	7	4	6.1	1	2.2	3	14.9
Danville	2	4	8.7	3	9.4	1	7.2
Martinsville	5	5	27.9	2	16.4	3	52.5
District 13	6	8	9.8			8	22.5
Brunswick	3	4	25.3			4	44.0
Halifax							
Mecklenburg	2	4	13.9			4	34.4
South Boston	1						
District 14	8	6	7.2	2	4.0	4	12.1
Amelia							
Buckingham	1						
Charlotte	1						
Cumberland	2	1	12.7			1	29.2
Lunenburg	1	1	8.2			1	20.7
Nottoway	1	3	20.5	1	11.3	2	34.8
Prince Edward	2	1	6.0	1	9.7		
District 15	112	104	16.1	32	6.9	72	39.3
Charles City Co.							
Chesterfield	11	10	6.7	5	3.7	5	30.4
Goochland	2						
Hanover	5	4	7.8	2	4.5	2	29.1
Henrico	26	23	12.4	12	7.7	11	36.2
New Kent							
Powhatan	1						
Richmond City	67	67	30.7	13	12.5	54	47.4
District 16	13	18	14.7	11	11.1	7	30.5
Caroline	3	3	16.8			3	37.6
King George							
Spotsylvania	2	3	8.4	1	3.3	2	35.5
Stafford	5	6	14.2	6	15.5		
Fredericksburg	3	6	39.2	4	33.1	2	62.0
District 17	7	6	14.6	3	11.3	3	20.9
Lancaster		2	19.8	1	14.9	1	29.6
Northumberland	2	1	10.0	1	15.1		
Richmond	4	1	14.7			1	45.8
Westmoreland	1	2	14.2	1	11.5	1	18.5
District 18	3	6	9.8	1	2.3	5	29.4
Essex		1	11.5			1	28.0
Gloucester	1	1	4.7			1	29.6
King and Queen	1	2	33.9			2	71.8
King William							
Mathews		1	12.3			1	68.4
Middlesex	1	1	12.7	1	17.9		
District 19	24	32	19.7	11	11.6	21	31.0
Dinwiddie	2	2	8.9	1	7.8	1	10.3
Greensville							
Prince George	2	2	7.5	2	11.4		
Surry	2	3	50.0	2	89.0	1	26.6
Sussex	6	7	66.0	2	48.5	5	77.2
Colonial Heights							
Emporia							
Hopewell	2	3	12.6	1	5.3	2	39.6
Petersburg	10	15	37.4	3	19.9	12	48.0
District 20	118	114	13.3	22	3.7	92	34.2
Isle of Wight	4	4	18.0	1	7.7	3	32.6
Southampton	7	8	44.0	1	10.6	7	79.5
Chesapeake	12	9	7.7	4	4.8	5	14.7
Franklin City	6	5	67.6	2	60.8	3	72.9
Norfolk	49	50	18.7	10	6.2	40	38.2
Portsmouth	21	12	11.5	1	1.8	11	22.8
Suffolk	9	9	19.0			9	39.5
Virginia Beach	10	17	6.2	3	1.3	14	38.0
District 21	55	54	15.4	19	7.9	35	31.9
James City Co.	5	6	25.4	2	12.0	4	57.3
York		2	5.4	1	3.4	1	14.1
Hampton	14	10	8.1	6	7.6	4	9.0
Newport News	35	34	23.2	9	9.3	25	50.6
Poquoson							
Williamsburg	1	2	19.6	1	11.2	1	77.6
District 22	8	11	24.2	5	18.7	6	32.0
Accomack	5	3	9.7	3	15.4		
Northampton	3	8	54.4	2	27.4	6	81.1
Mental Hospitals		7		4		3	
Military Hospitals		2		1		1	

TABLE 59
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1981

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	23,873	1,760	687	540	533	22,108	5
District 1	75	2			2	73	
Lee	21	1			1	20	
Scott	18					18	
Wise	32					32	
Norton	4	1			1	3	
District 2	49	5	1	2	2	44	
Buchanan	10					10	
Dickenson	1					1	
Russell	5	1			1	4	
Tazewell	33	4	1	2	1	29	
District 3	203	27	19	6	2	176	
Bland	1					1	
Carroll	13	2	1	1		11	
Grayson	4	1	1			3	
Smyth	61	12	10	2		49	
Washington	48	6	5		1	42	
Wythe	26	3	2	1		23	
Bristol	46	3		2	1	43	
Galax	4					4	
District 4	103	5		4	1	98	
Floyd	5	1			1	4	
Giles	5					5	
Montgomery	53	4		4		49	
Pulaski	16					16	
Radford	24					24	
District 5	869	47	8	17	22	822	
Alleghany	6					6	
Botetourt	16	3	1		2	13	
Craig	2					2	
Roanoke	38	5	2	1	2	33	
Clifton Forge	10					10	
Covington	18					18	
Roanoke City	750	37	4	16	17	713	
Salem	29	2	1		1	27	
District 6	217	10	5	3	2	207	
Augusta	30	1	1			29	
Bath	13					13	
Highland	1					1	
Rockbridge	15	3	2		1	12	
Rockingham	39					39	
Buena Vista	3					3	
Harrisonburg	36					36	
Lexington	7	2	1	1		5	
Staunton	51	4	1	2	1	47	
Waynesboro	22					22	
District 7	220	14		2	12	206	
Clarke	23					23	
Frederick	29	1			1	28	
Page	19	1			1	18	
Shenandoah	27	2			2	25	
Warren	26	3			3	23	
Winchester	96	7		2	5	89	
District 8	2,478	402	133	106	163	2,076	
Arlington	539	136	52	34	50	403	
Fairfax	396	74	23	21	30	322	
Loudoun	121	3			3	118	
Prince William	111	14	5	2	7	97	
Alexandria	1,003	123	51	41	31	880	
Fairfax City	86	8		3	5	78	
Falls Church	121	31	2	3	26	90	
Manassas	99	13		2	11	86	
Manassas Park	2					2	
District 9	168	11	4		7	157	
Culpeper	49	3	2		1	46	
Fauquier	44	1			1	43	
Madison	15	2			2	13	
Orange	57	5	2		3	52	
Rappahannock	3					3	
District 10	382	37	17	11	9	345	
Albemarle	56	9	7		2	47	
Fluvanna	37	8	3	3	2	29	
Greene	23					23	
Louisa	68	1			1	67	
Nelson	25					25	
Charlottesville	173	19	7	8	4	154	
District 11	548	7	2	3	2	541	
Amherst	44	3	1	2		41	
Appomattox	27					27	
Bedford	38	2		1	1	36	
Campbell	45					45	
Bedford City	29					29	
Lynchburg	365	2	1		1	363	

(continued)

TABLE 59

REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE

VIRGINIA, 1981 (continued)

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	23,873	1,760	687	540	533	22,108	5
District 12	860	38	14	14	10	822	
Franklin	22	1	1			21	
Henry	100	2		1	1	98	
Patrick	6	1		1		5	
Pittsylvania	257	11	4	4	3	246	
Danville	416	18	8	8	2	398	
Martinsville	59	5	1		4	54	
District 13	291	17	5	7	5	274	
Brunswick	87	5	1	4		82	
Halifax	80	4	2	1	1	76	
Mecklenburg	96	8	2	2	4	88	
South Boston	28					28	
District 14	215	17	3	6	8	198	
Amelia	24	2			2	22	
Buckingham	55	2		2		53	
Charlotte	25					25	
Cumberland	14	5		3	2	9	
Lunenburg	29	3	1	1	1	26	
Nottoway	31	1			1	30	
Prince Edward	37	4	2		2	33	
District 15	4,512	330	117	112	101	4,181	1
Charles City Co.	32					32	
Chesterfield	194	17	9	5	3	177	
Goochland	27	2			2	25	
Hanover	104	5		1	4	99	
Henrico	338	25	12	8	5	313	
New Kent	16	3	1	1	1	13	
Powhatan	27	5	1	3	1	22	
Richmond City	3,774	273	94	94	85	3,500	1
District 16	258	14	3	2	9	244	
Caroline	59	3	1		2	56	
King George	25	1			1	24	
Spotsylvania	33	2	1	1		31	
Stafford	34	2			2	32	
Fredericksburg	107	6	1	1	4	101	
District 17	210	1			1	209	
Lancaster	30	1			1	29	
Northumberland	24					24	
Richmond	34					34	
Westmoreland	122					122	
District 18	157	6	3		3	151	
Essex	42	1			1	41	
Gloucester	34	1			1	33	
King and Queen	40					40	
King William	24	3	3			21	
Mathews	6					6	
Middlesex	11	1			1	10	
District 19	1,099	79	28	29	22	1,020	
Dinwiddie	98	8	2	3	3	90	
Greensville	34	2	1	1		32	
Prince George	47	7	5	1	1	40	
Surry	49					49	
Sussex	96	2			2	94	
Colonial Heights	22					22	
Emporia	24	3	1	1	1	21	
Hopewell	79	5	2	2	1	74	
Petersburg	650	52	17	21	14	598	
District 20	7,665	538	279	163	96	7,123	4
Isle of Wight	168	6	3	1	2	162	
Southampton	92	8	3		5	84	
Chesapeake	675	61	28	23	10	613	1
Franklin City	69	2	1		1	67	
Norfolk	3,833	307	181	83	43	3,523	3
Portsmouth	1,691	99	42	44	13	1,592	
Suffolk	419	21	6	7	8	398	
Virginia Beach	718	34	15	5	14	684	
District 21	2,956	140	46	49	45	2,816	
James City Co.	28	1		1		27	
York	57	1		1		56	
Hampton	872	42	13	14	15	830	
Newport News	1,802	72	28	25	19	1,730	
Poquoson	8					8	
Williamsburg	189	24	5	8	11	165	
District 22	338	13		4	9	325	
Accomack	224	6		3	3	218	
Northampton	114	7		1	6	107	